PALRAM

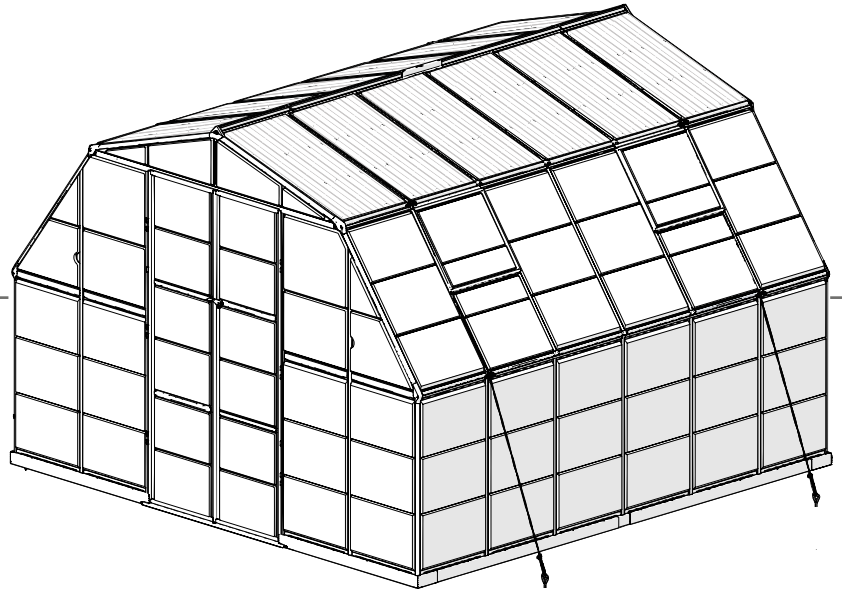
Assembly Instructions

Instructions de montage

Americana 12'x12' - Hybrid Glazing

Approx. Dim.

365x365x263cm / 143¾"x143¾"x103½"



Distributed by "Footprint Tools Canada Limited"

Footprint Tools Canada Limited
Corporate Headquarters
1745 Bonhill Road, Unit # 1
Mississauga, ON L5T 1C1
Canada

Phone: 905-564-6007 **Fax:** 905-564-0059 **E-mail:** sales@footprint-tools.ca

Footprint Customer Service Department
Toll Free: 1-800-866-5749 **Fax:** 905-564-0059 **E-mail:** sales@footprint-tools.ca

www.palram**applications**.com

English_French_74441

EN

IMPORTANT

Please read these instructions carefully before you start to assemble this greenhouse. Keep these instructions in a safe place for future reference.

⇨ Customer Service

For assistance with assembly or for replacement parts – please log onto our website or call our service line (number is on the title page).

Additional information can be found at our website: www.palramapplications.com

⇨ Safety Advice

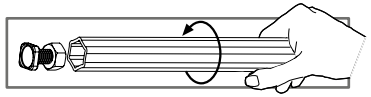
- It is of utmost importance to assemble all of the parts according to the directions. Do not skip any step.
- We strongly recommend using work gloves during assembly.
- Always wear shoes and safety goggles when working with extruded aluminium.
- If using a step ladder or power tools ensure that you follow the manufacturer's safety advice.
- Do not touch overhead power cables with the aluminium profiles.
- Do not attempt to assemble the greenhouse in windy or wet conditions.
- Dispose of all plastic bags safely keep them out of reach of small children.
- Keep children away from the assembly area.
- Do not lean against or push the greenhouse during construction.
- Do not position your greenhouse in an area exposed to excessive wind.
- Do not attempt to assemble this greenhouse if you are tired, have taken drugs or alcohol or if you are prone to dizzy spell.
- Hot items such as recently used grills, blowtorches etc. must not be stored in the greenhouse. Ensure there are no hidden pipes or cables in the ground before inserting the pegs.
- This product is designed to use as greenhouse only.

⇨ Care & Maintenance

When your greenhouse needs to be cleaned, use a mild detergent solution and rinse with cold clean water. DO NOT use acetone, abrasive cleaners or other special detergents to clean the clear panels. It is recommended to check periodically that roof panels caps (plastic part 329 & profile 981) are set in place.

⇨ Tools & Equipment

- Tape measure
- Work gloves
- Lubricant
- Phillips head screwdriver
- Step ladder
- Drill bit
- Large hammer
- Spanner
- T001 - Special tool for Screws 411 and nuts 412



⇨ Before Assembly

This is a multi-part assembly best

achieved by two people. Allow at least half a day for assembly process.

Selecting a site - the greenhouse must be , positioned and fixed on a flat level surface.

Choose a sunny position away from overhanging trees.

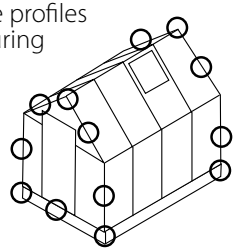
We are strongly recomend to fix your greenhouse directly to a solid concrete foundation. When doing that use the pre drilled holes in the metal base supplied.

Take out all components parts of the packages. Sort the parts and check against the contents parts list.

During assembly parts should be laid out close at hand. Keep all small parts (screws etc.) in a bowl so they do not get lost.

In purpose to facilitate parts'

identification and assembly process, all-positioned profiles are used in this greenhouse. As a result some apertures in the profiles are not used during assembly.



⇨ During Assembly

During assembly you will encounter the information icon, please refer to the relevant assembly step for additional comments and assistance.

Carry out the assembly steps in the order set out in the instructions.

Step 1: Make sure the base is square by measuring the diagonals and level by using a spirit level.

Step 7: Determines the front side of the greenhouse.

Step 11: You may use silicon lubricant spray in order to help you slide the panels into the profiles. Do not spray the Polycarbonate panels. Use the rubber mallet if necessary.

Door assembly

Steps 88-96: Door assembly should be done according to these steps.

Window assembly (Steps 50-51, 74-76, 81-84)

Step 50: Decide on the window's location before assembly. Window can be installed in one of the indicated options.

Step 84: In case the window is not closed properly, please release the screws step 76a+b, adjust the profile and tighten the screw.

Firmly connect the greenhouse to a level final position immediately after completion of the assembly.

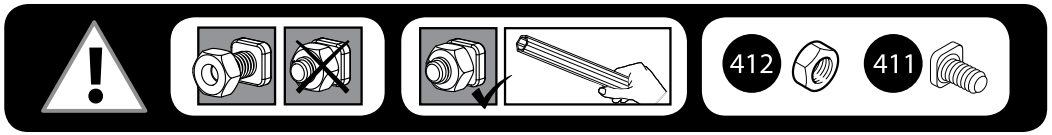
Tighten all screws when completing assembly.

Step 97: Make sure the cable is threaded in the hole (#7329) and does not interfere with the opening the window.

Step 98: Anchor the greenhouse to the ground by using part #7331 for hard surface or part #7336 for soft surface.

Step 100: Stretch the cable by using part #7332

- Screws 411 and nuts 412 are used throughout the assembly process.
- Screws 411 are to be assembled from the outside and nuts 412 from the inside of the greenhouse.
- If not specified otherwise, do not fasten screws and nuts (411 & 412) more than 2-3 turns only. Do not tighten them until completion of the panels' assembly. These 2 icons indicate if screws' tightening is required or not.
- However, in some steps, temporary tightening of a few screws may be needed to prevent a profile from falling till it will be fully connected in the next steps.



FR

IMPORTANT !
Veuillez lire attentivement ces instructions avant de commencer à monter votre serre.
Conservez ces instructions en lieu sûr pour toute consultation ultérieure.

⇨ Service clientèle

Pour toute assistance concernant le montage de la serre ou ses pièces de rechange – veuillez consulter notre site Internet ou appeler notre service technique (dont le numéro de téléphone figure sur la couverture de la brochure).

Pour en savoir plus, n'hésitez pas à visiter notre site Internet :www.palram**applications**.com

⇨ Consignes de sécurité

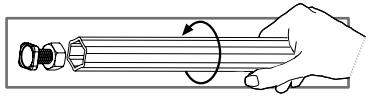
- Très important ! Veuillez suivre scrupuleusement les instructions de cette brochure et réaliser les étapes dans l'ordre énoncé.
- Nous recommandons vivement le port de gants de protection pendant le montage.
- Portez toujours des chaussures de travail et des lunettes de protectrion lorsque vous travaillez des pièces en aluminium extrudé.
- Lors de l'utilisation d'une échelle ou d'outils électriques, assurez-vous de bien suivre les consignes de sécurité du fabricant.
- Veillez à ne pas toucher de câbles aériens avec les profilés en aluminium.
- N'essayez pas de monter la serre s'il y a du vent ou s'il fait humide.
- Jetez tous les sacs en plastique en appliquant les règles de sécurité et maintenez-les hors de portée des jeunes enfants.
- Eloignez les enfants de la zone d'assemblage.
- Ne vous appuyez pas contre la serre et ne la poussez pas pendant le montage.
- Ne positionnez pas la serre dans un endroit trop exposé au vent.
- N'essayez pas de monter la serre si vous êtes fatigué, si vous êtes sous l'effet de drogues, de médicaments ou d'alcool ou encore si vous êtes sujet aux vertiges.
- Les objets chauds tels qu'un barbecue, un chalumeau ou autre article ayant été récemment utilisés, ne doivent pas être rangés dans la serre.
- Avant de planter les piquets, assurez-vous qu'aucun tuyau ni câble n'est enterré à l'endroit sélectionné pour l'installation.
- Ce produit est conçu pour servir de serre exclusivement.

⇨ Entretien & Maintenance

Pour nettoyer votre serre, utilisez une solution détergente douce et à rincez à l'eau claire et froide. NE PAS utiliser d'acétone ni de produits nettoyants ou autres détergents spéciaux pour nettoyer les panneaux clairs. Il est recommandé de vérifier régulièrement que les couvre-joints des panneaux du toit sont bien en place (pièces en plastique 329 & profilé 981).

⇨ Outils & Equipement

- Mètre (ruban)
- Gants de travail
- Lubrifiant
- Tournevis cruciforme (Philips)
- Escabeau
- Perceuse
- Grand marteau
- Clé à écrous
- T001 – outil spécial pour vis 411 et écrous 412



⇨ Avant le montage

Ell s'agit d'un assemblage à pièces multiples qu'il est préférable de réaliser à deux personnes et auquel il fait consacrer au moins une demi-journée.

Sélection du site – la serre doit être montée et fixée sur une surface plane.

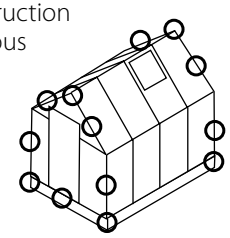
Choisissez un emplacement ensoleillé et éloigné d'éventuels arbres susceptibles de la surplomber.

Nous recommandons vivement de fixer la serre directement à de solides fondations en béton. Pour ce faire, utilisez les trous déjà percés dans le châssis métallique fourni.

Sortez toutes les pièces de leurs emballages. Triez-les et comparez-les avec la liste des pièces pour vérifiez que tout y est.

Lors de l'assemblage, les pièces doivent être disposées à portée de main. Gardez toutes les petites pièces (vis, etc.) dans un récipient pour éviter de les perdre.

Pour faciliter l'identification des pièces et la procédure de montage, les profilés utilisés pour la construction de cette serre sont tous déjà en place.
En conséquence, certaines ouvertures des profilés restent inutilisées pendant le montage.



⇨ Pendant le montage

Pendant le montage, vous verrez l,icône dinformation, veuillez-vous référer à la phase de montage correspondante pendant des commentaires et une assistance supplémentaires.

Procédez au montage étape par étape, en respectant l'ordre énoncé dans cette brochure.

Etape 1 : Assurez-vous que le châssis est bien carré en mesurant les diagonales, et vérifiez sa mise à niveau à l'aide d'un niveau à bulle.

Etape 7 : Le fait de les fixer détermine également la position de la façade de la serre.

Etape 11 : Vous pouvez utilisez un spray lubrifiant en silicone afin de vous aider à insérer les profils dans les connecteurs. Veillez à ne pas asperger les panneaux de polycarbonate. Utilisez le maillet en caoutchouc si nécessaire tout en prenant soin de ne pas abîmer les connecteurs en plastique.

Montage de la porte (Etape 88-96) :

Etapes 88-96 : Le montage de la porte doit être réalisé selon la décision prise à ce stade.

Montage de la fenêtre (Etape 50-51, 74-76, 81-84) :

Etape 50 : Choisissez l'emplacement de la fenêtre avant le montage, parmi les options indiquées.

Etape 84 : Dans le cas où la fenêtre ne ferme pas correctement, veuillez relâcher les vis, ajuster le profil, et de nouveau resserrer les vis.

Immédiatement après avoir terminé l'assemblage, fixez solidement la serre en position finale, parfaitement horizontale.

Serrez toutes les vis après avoir achever l'assemblage.

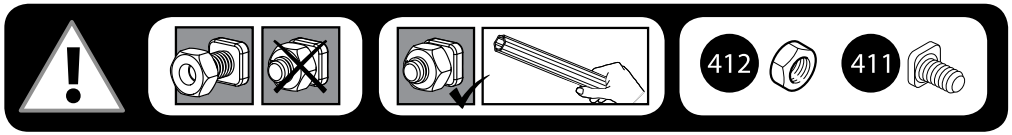
Etape 97: Assurer que le câble est enfilé dans le trou (**#7329**) et ne gêne pas l'ouverture de la fenêtre

Etape 98: Fixer la Serre au sol en utilisant pièce **#7331** à surface dure et pièce **#7336** au surface molle.

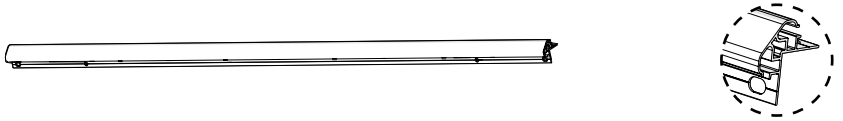
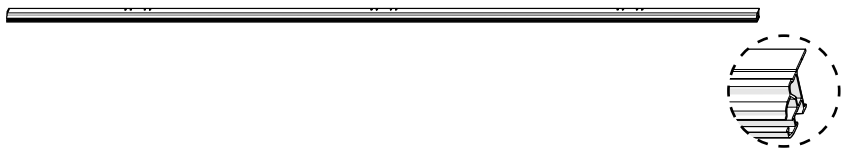
Etape 100: Tendez le câble en utilisant pièce **#7332**

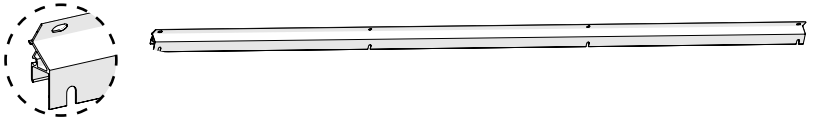
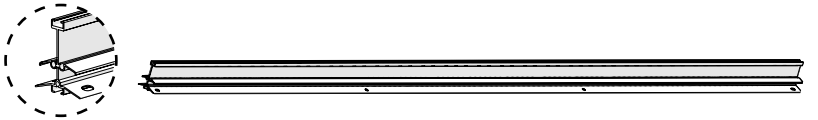
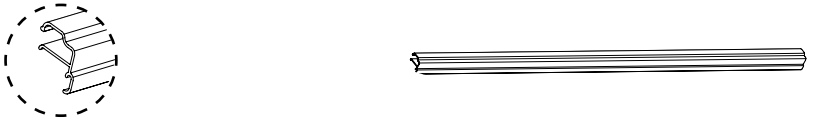
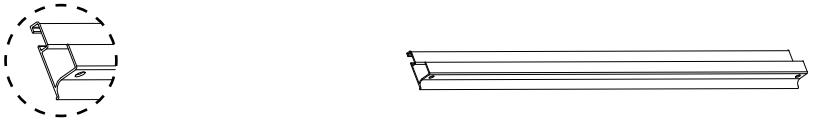
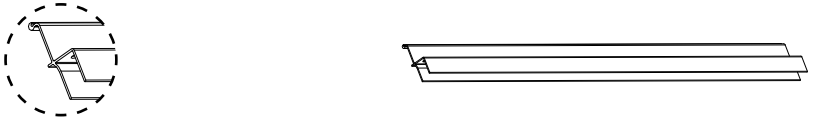
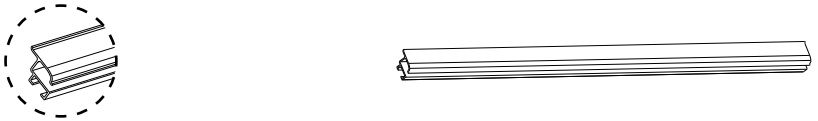
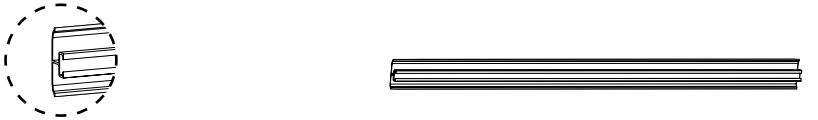
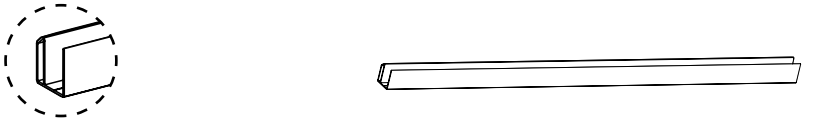
Les vis 411 et écrous 412 servent tout au long de la procédure.

- Les vis 411 se placent à l'extérieur et les écrous 412 à l'intérieur de la serre.
- Ne serrez les vis et écrous (411 & 412) que de 2 à 3 tours, pas plus. Ne les serrez pas tant que l'assemblage n'est pas complètement terminé, sauf indication contraire.
- Cependant, la réalisation de certaines étapes peut nécessiter le serrage provisoire de quelques vis pour empêcher un profilé de tomber en attendant qu'il soit entièrement intégré à l'ensemble de la structure dans les étapes suivantes.

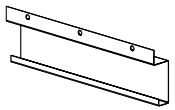
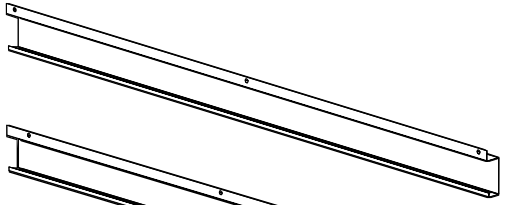
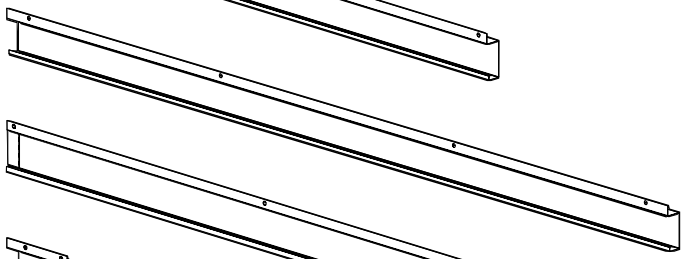
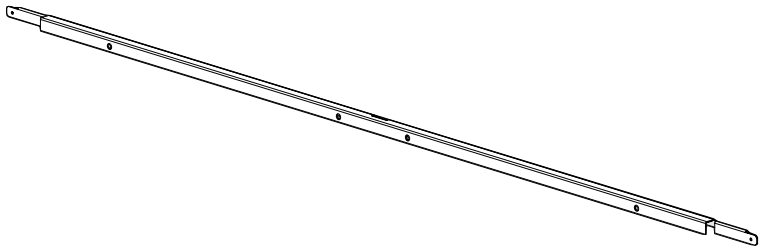
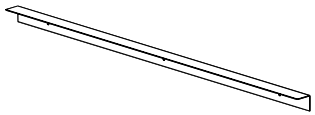


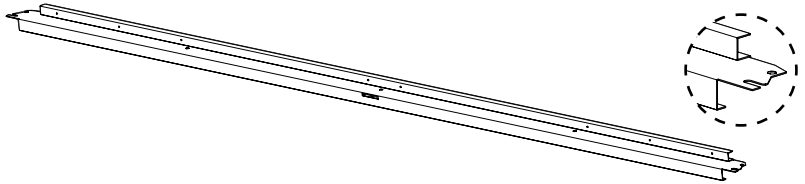
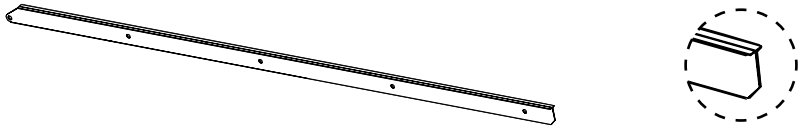
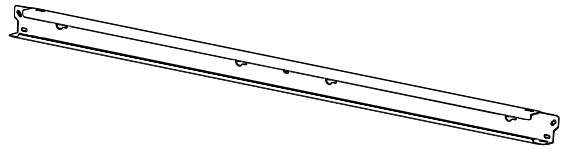
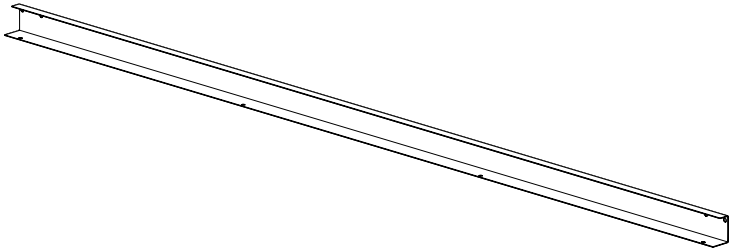
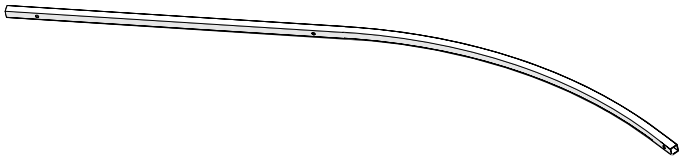
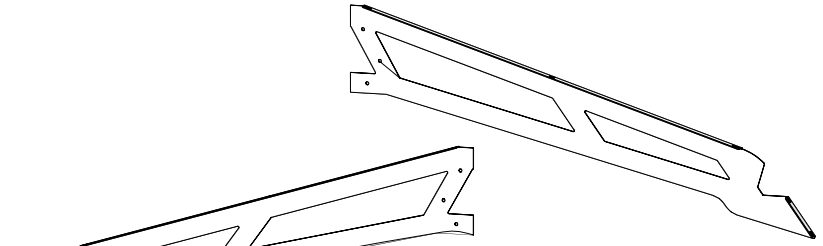
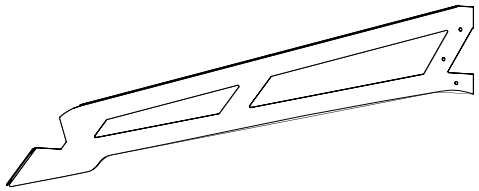
Contents

Item		Qty.
996		12
7264		2
983		1
7068		3
993		30
7263		3
7261		2
7262		2
7260		2
7267		4

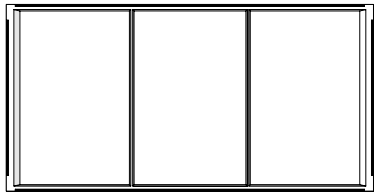
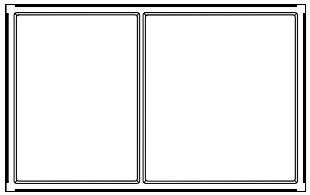
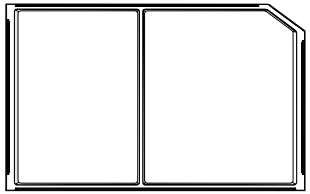
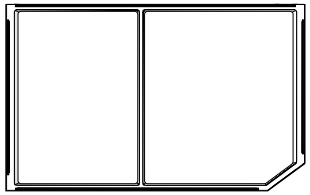
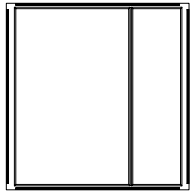
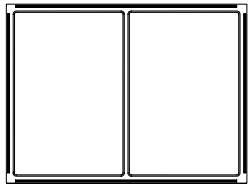
Item		Qty.
7265		8
7266		2
981		24
991		2
989		2
990		2
999		10
7259		4
992		4

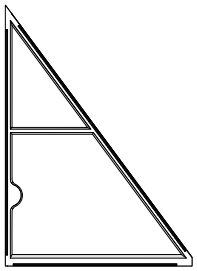
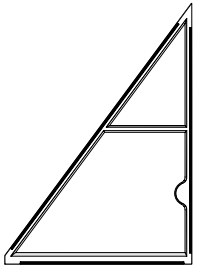
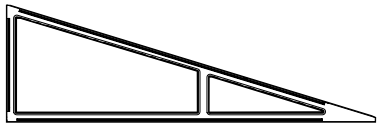
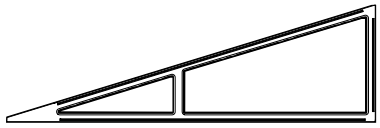
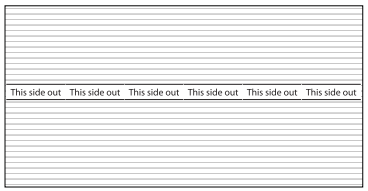
Contents

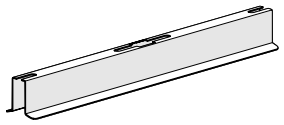
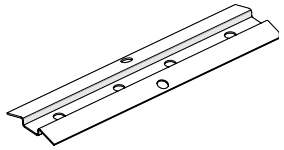
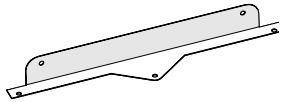
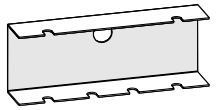
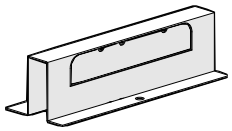
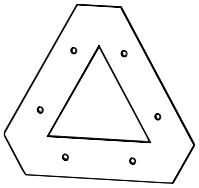
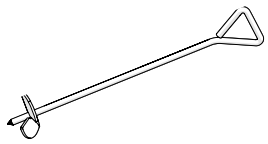
Item		Qty.
126		2
7249		1
961		4
7235		2
7234		2
7063		2
7238		1
7245		2

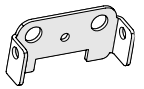
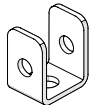
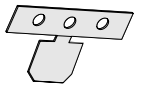
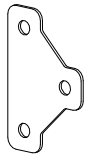
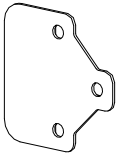
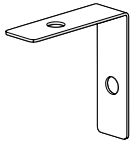
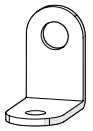
Item		Qty.
7233		2
7244		8
7236		5
7237		8
7248		10
7275		1
7276		1

Contents

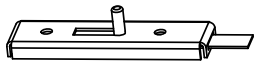
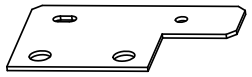
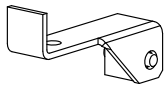
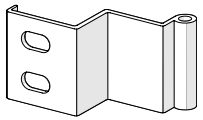
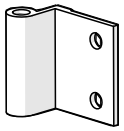
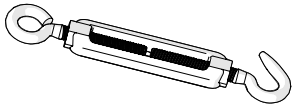
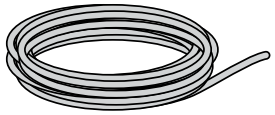
Item		Qty.
7011		32
7255		2
7257		2
7256		2
7010		4
7250		6

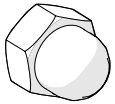
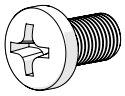
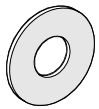
Item		Qty.
7251		2
7252		2
7253		2
7254		2
581		12

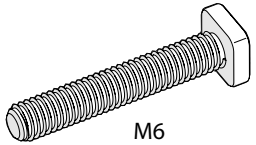
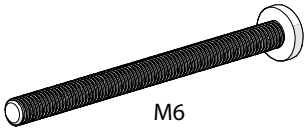
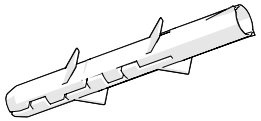
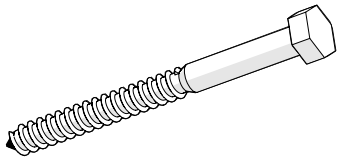
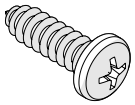
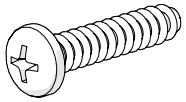
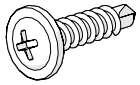
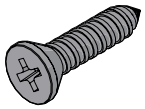
Item		Qty.
7239		1
7240		1
7246		4
7243		2
7241		4
7277		1
7336		4

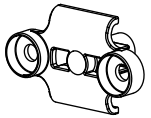
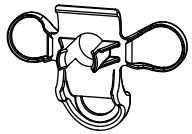
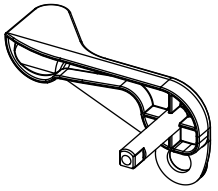
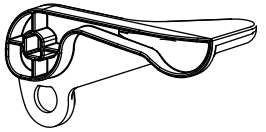
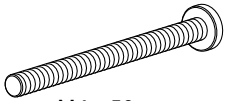
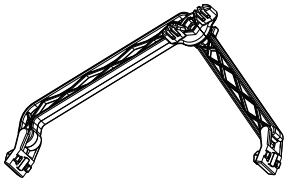
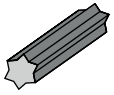
Item		Qty.
7329		8
7330		2
7242		4
288		10
7065		1
7207		2
7331		4

Contents

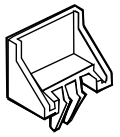
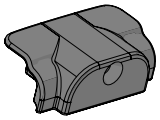
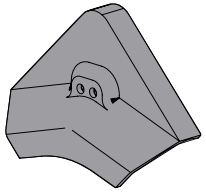
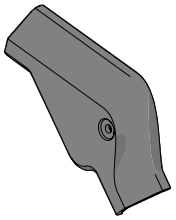
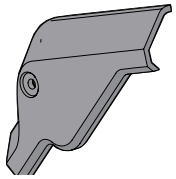
Item		Qty.
7082		2
7067		2
7066		2
462		6
464		12
465		24
422		24 (+3)
463		6
7333		4
7332		2
7327		2

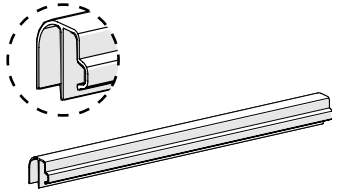
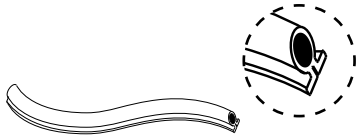
Item		Qty.
411	M6	294 (+18)
412	M6	298 (+14)
466	M6	42 (+3)
414	 M8	8 (+1)
7283	 M8	8 (+1)
433	 M8	6 (+1)
421	M4	4 (+1)
422	M4	4

Item		Qty.
7284	 M6	32 (+2)
7224	 M6	10 (+1)
4000		4 (+1)
4010		4 (+1)
447		8 (+1)
4026		8 (+1)
4008		34 (+2)
4043		20 (+2)

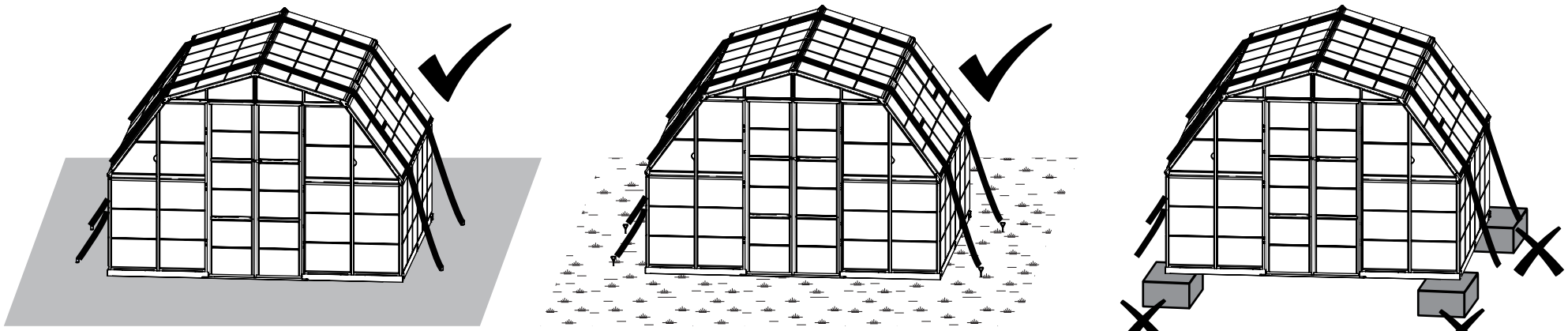
Item		Qty.
7085		1
7086		1
7083		1
7084		1
7088	 M4 x 50 mm	1
423	M4	1
99		2
22		4
7009		4 (+1)

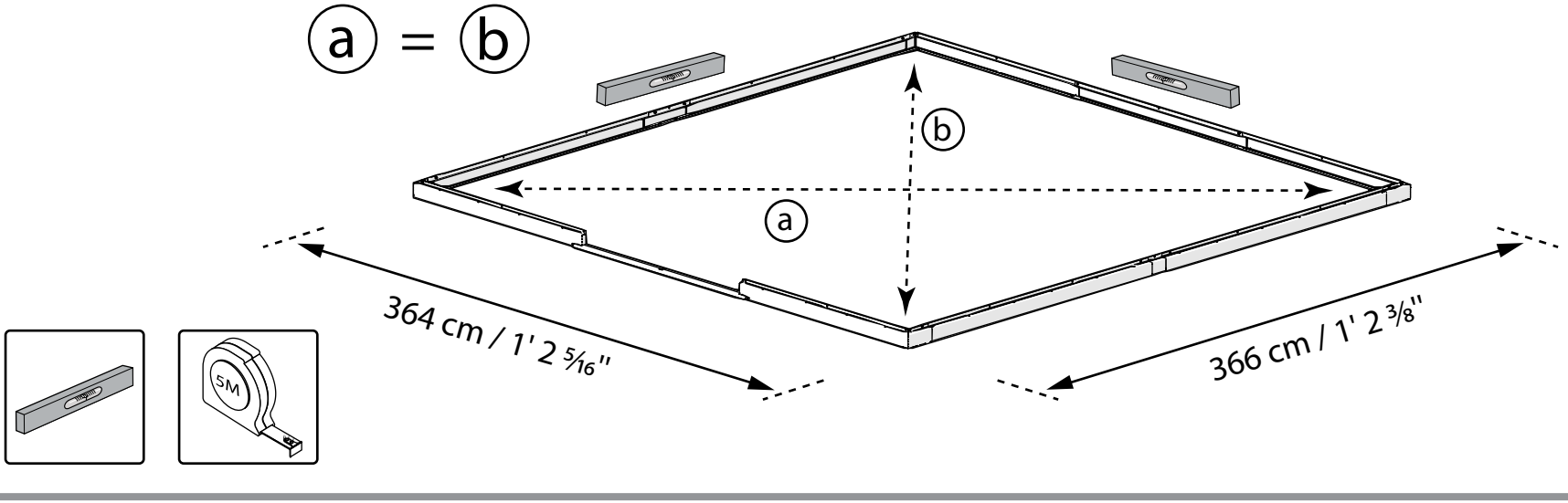
Contents

Item		Qty.
1010		20
328		44 (+1)
329		18 (+2)
7268		2
7269		4
7270		4

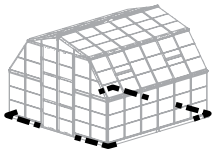
Item		Qty.
318		44 (+4)
3017		4
7271		1

T001		1

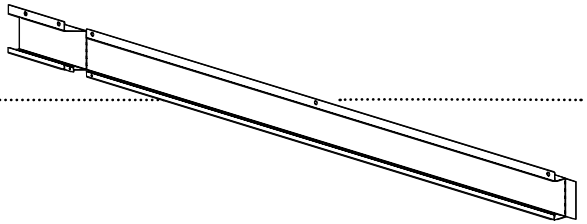



a = b
b
a
364 cm / 1' 2 5/16"
366 cm / 1' 2 3/8"

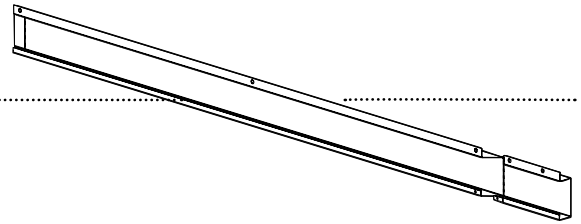
1



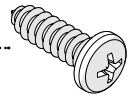
7234 2

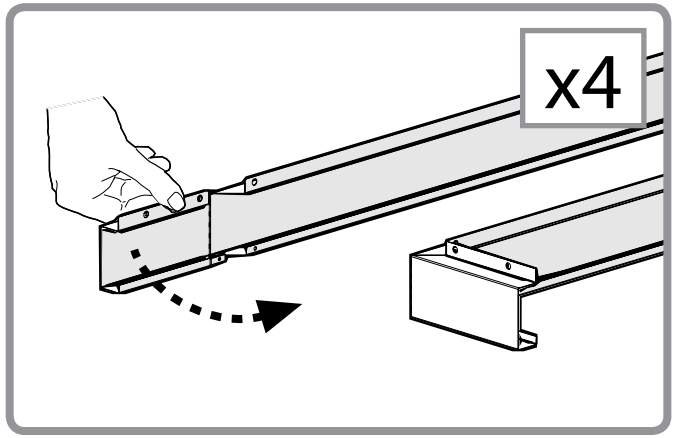


7235 2

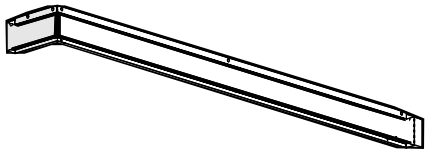


447 4

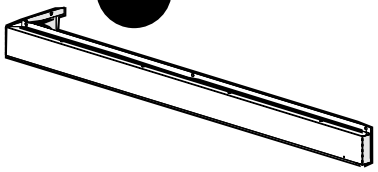


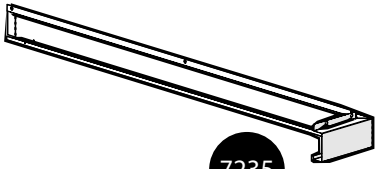


7234



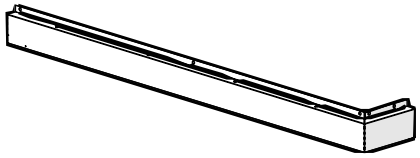
7235

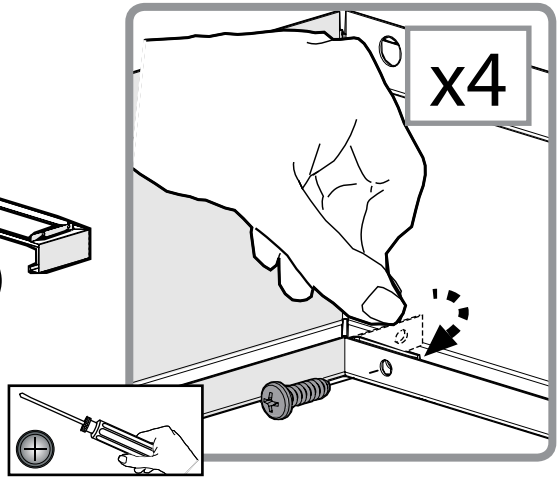




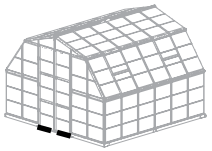
7235

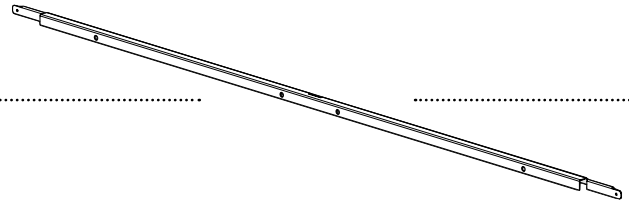
7234





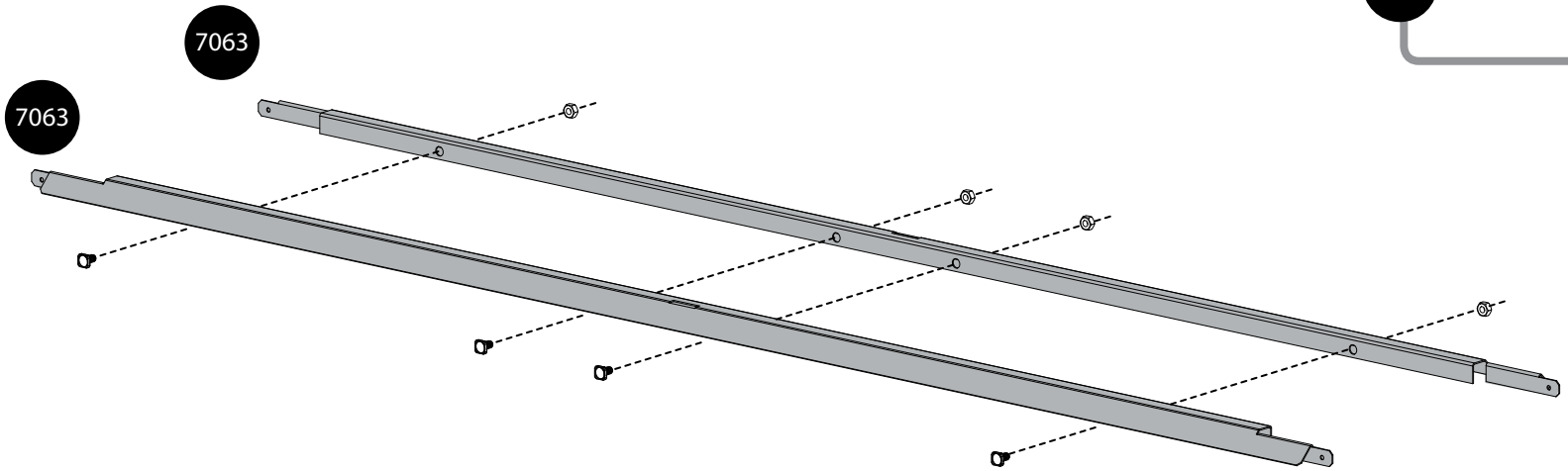
2

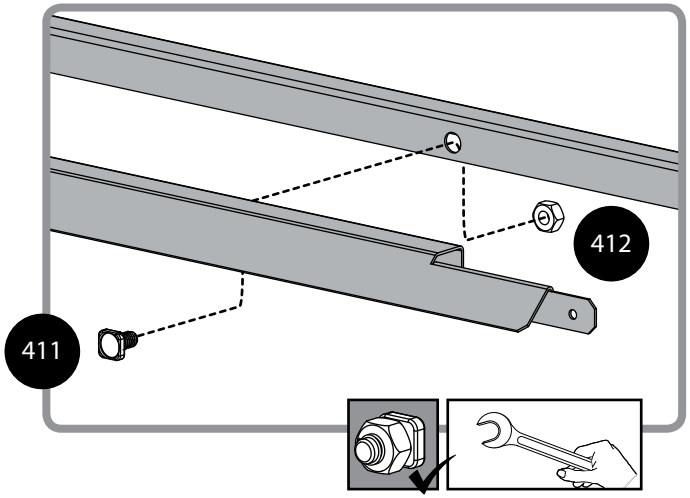


7063 .....  2

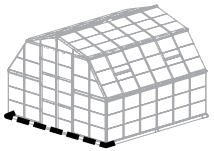
411 4

412 4

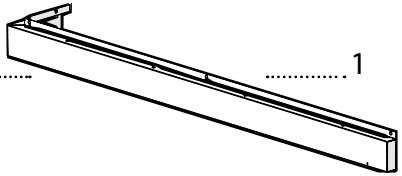




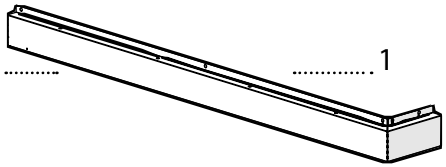
3



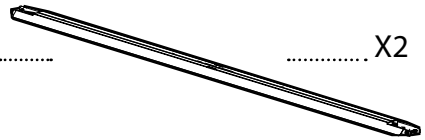
7235 1



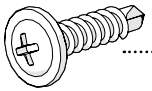
7234 1



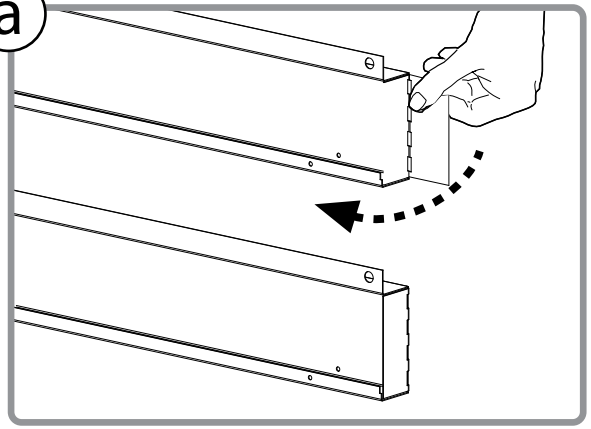
7063 ..... X2



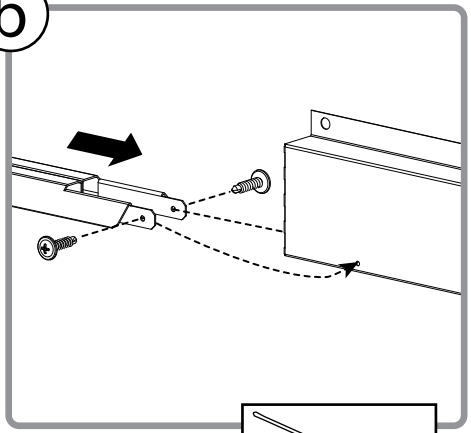
4008 4

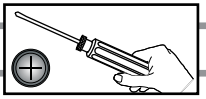


a

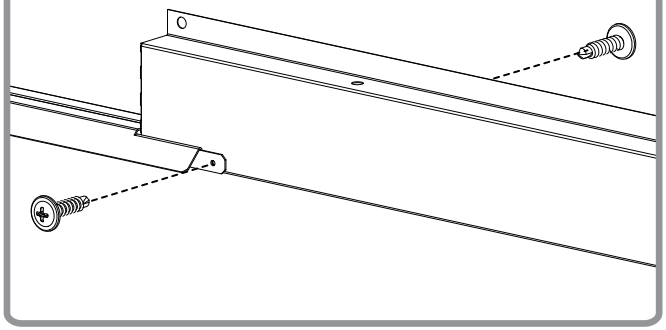


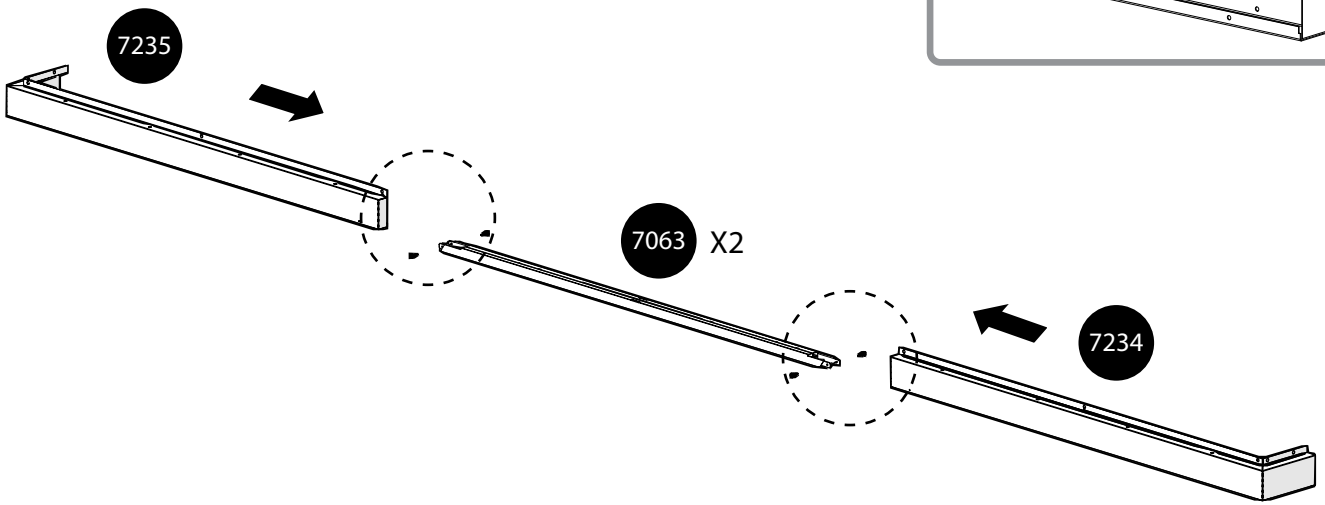
b



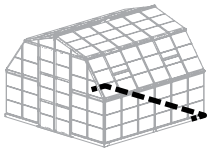


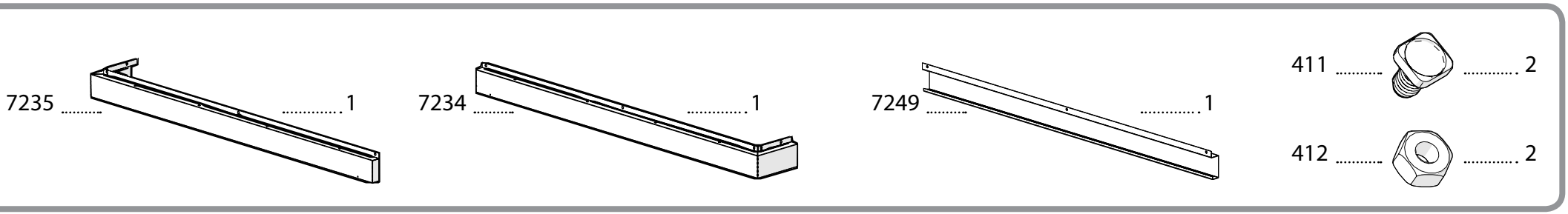
c

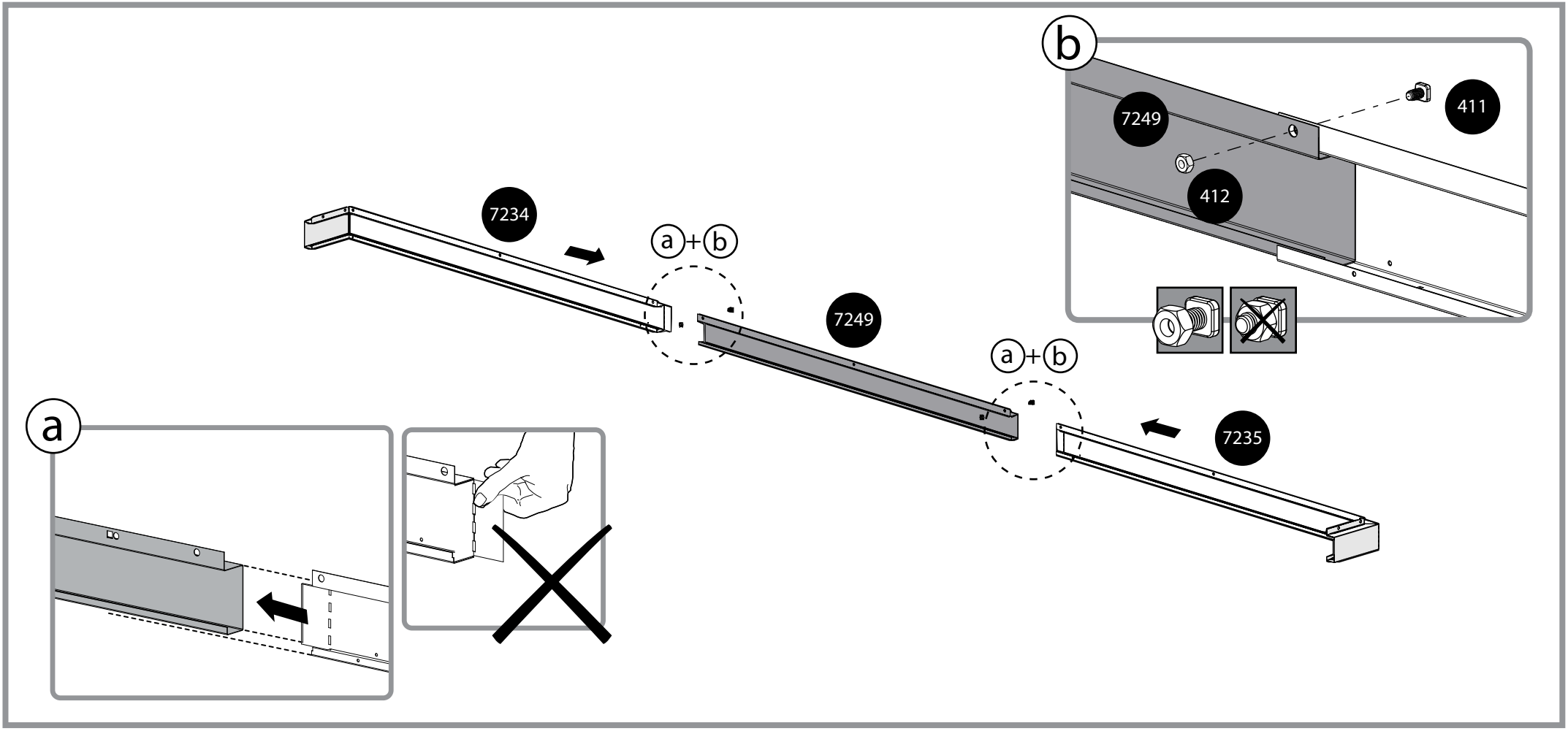




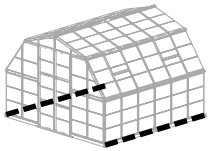
4

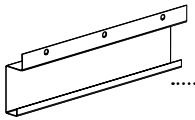


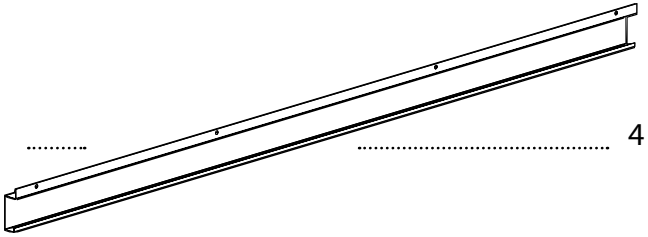

7235 1
7234 1
7249 1
411 2
412 2


b
7249
411
412
7234
a+b
7249
a+b
7235
a

5



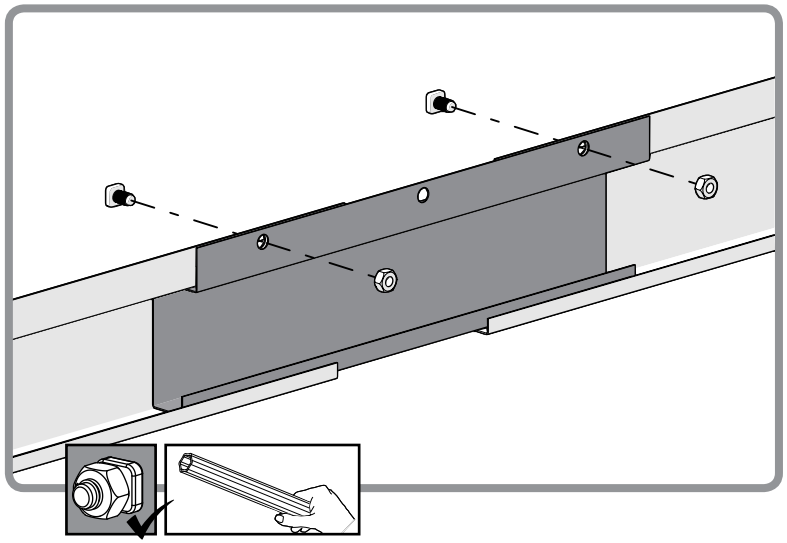
126 .....  2

961 .....  4

411 4

412 4

x2

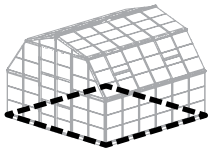


961

126

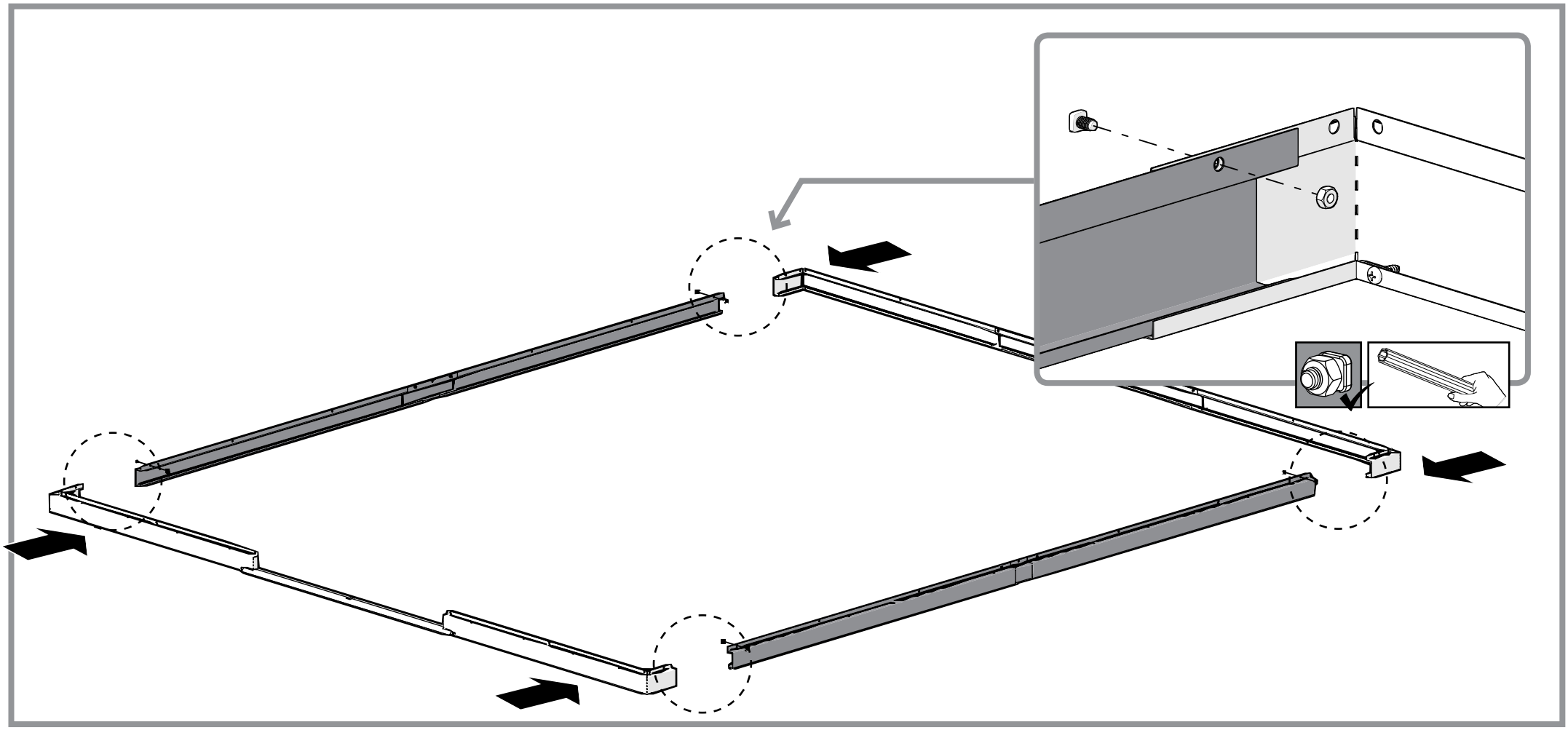
961

6

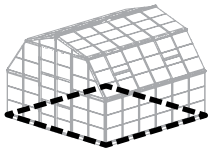


411 4

412 4



7

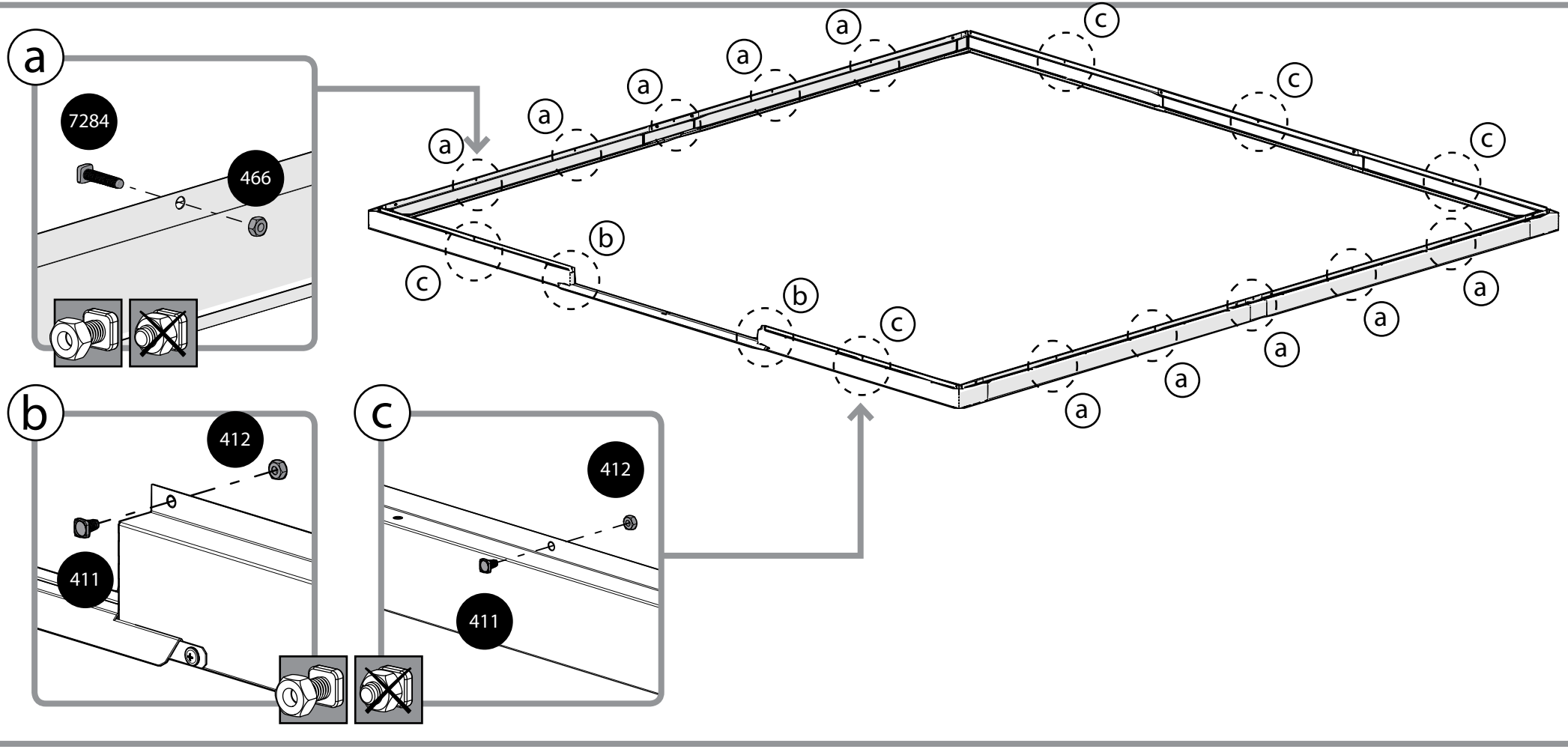


411 7

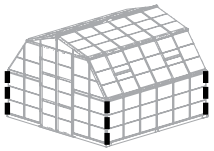
412 7

7284 10

466 10

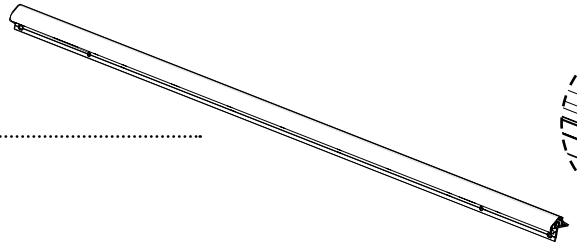
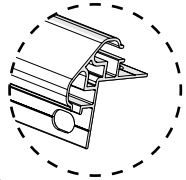


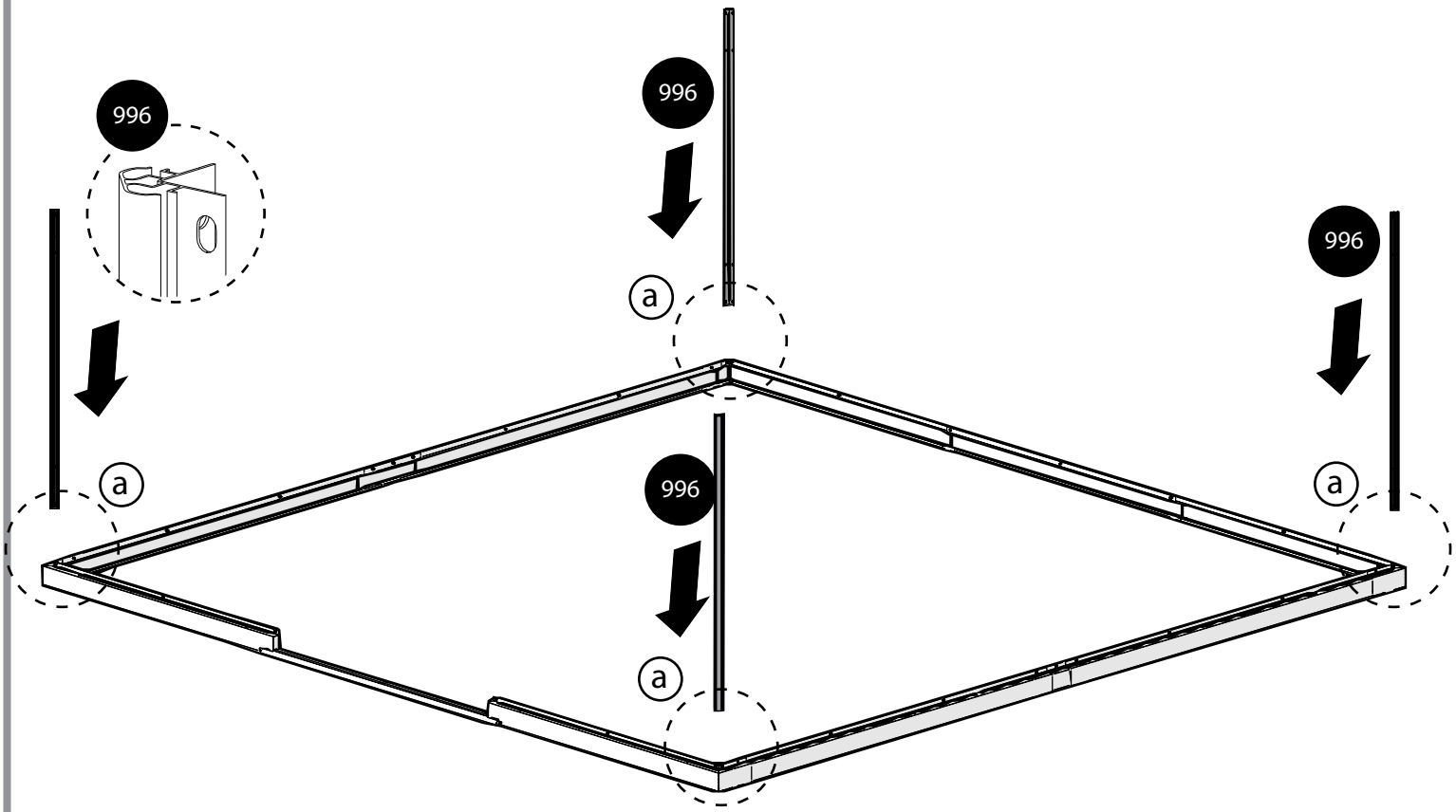
8

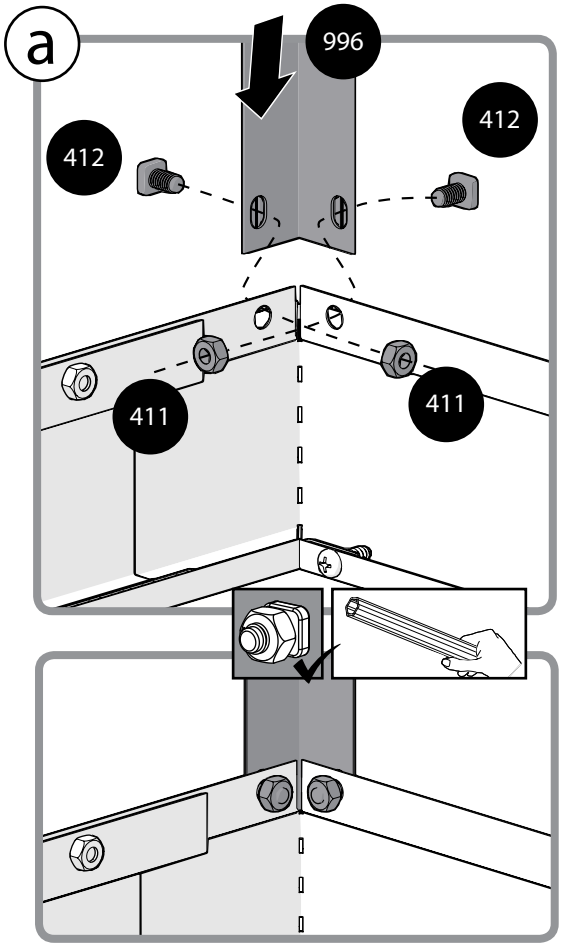


411 8

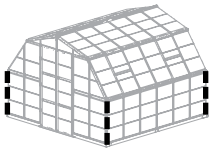
412 8

996 .....   4





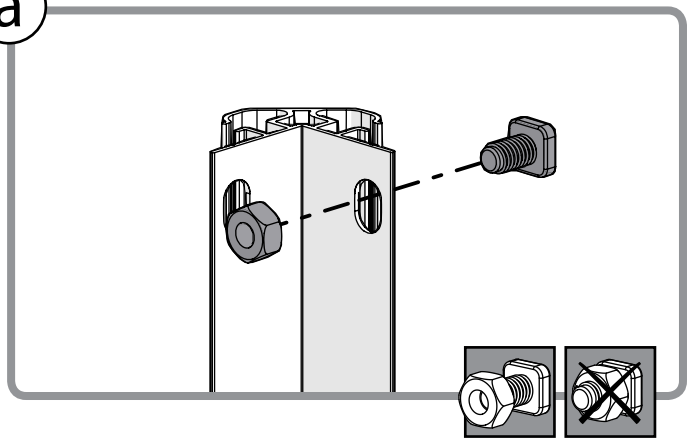
9



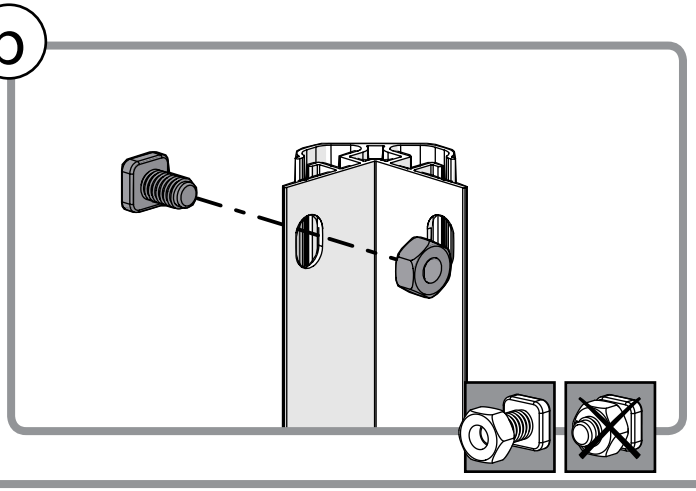
411 4

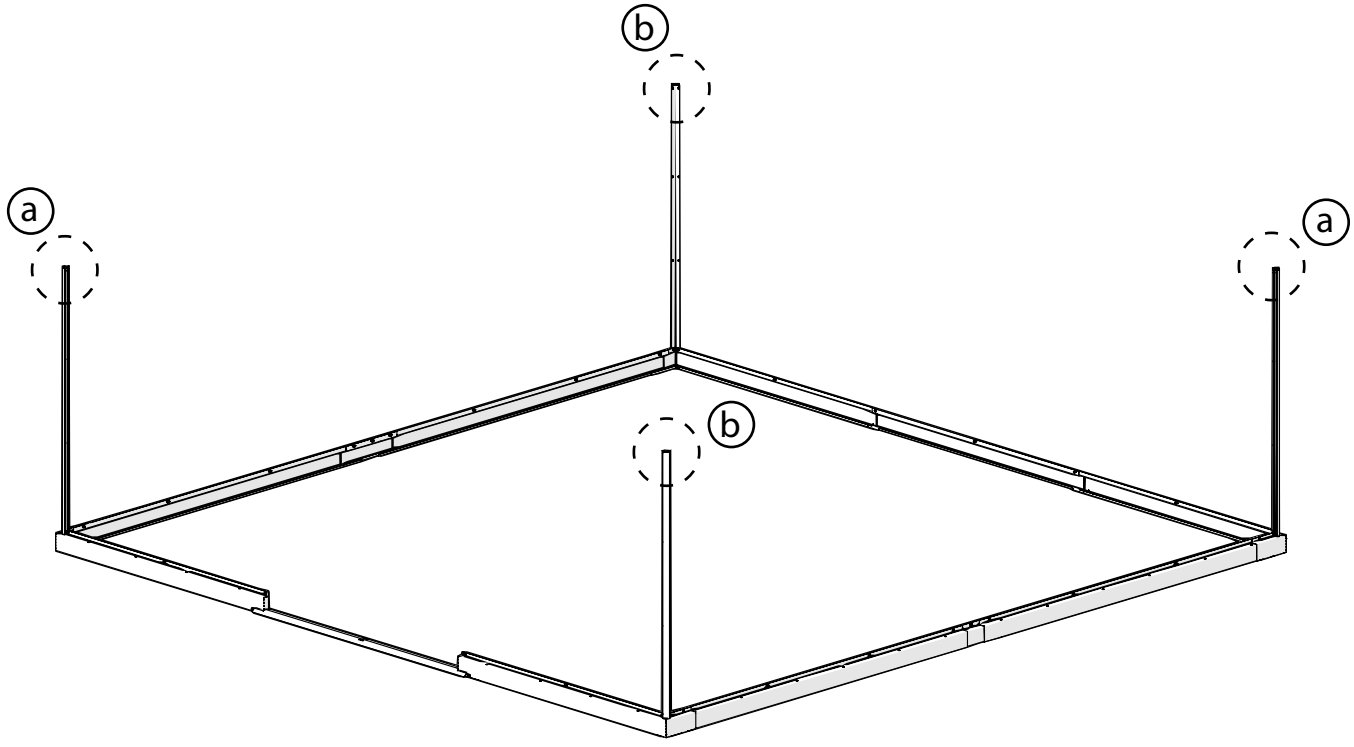
412 4

a

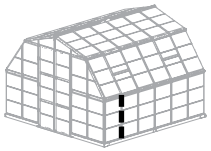


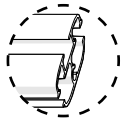
b

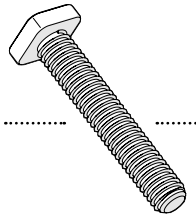


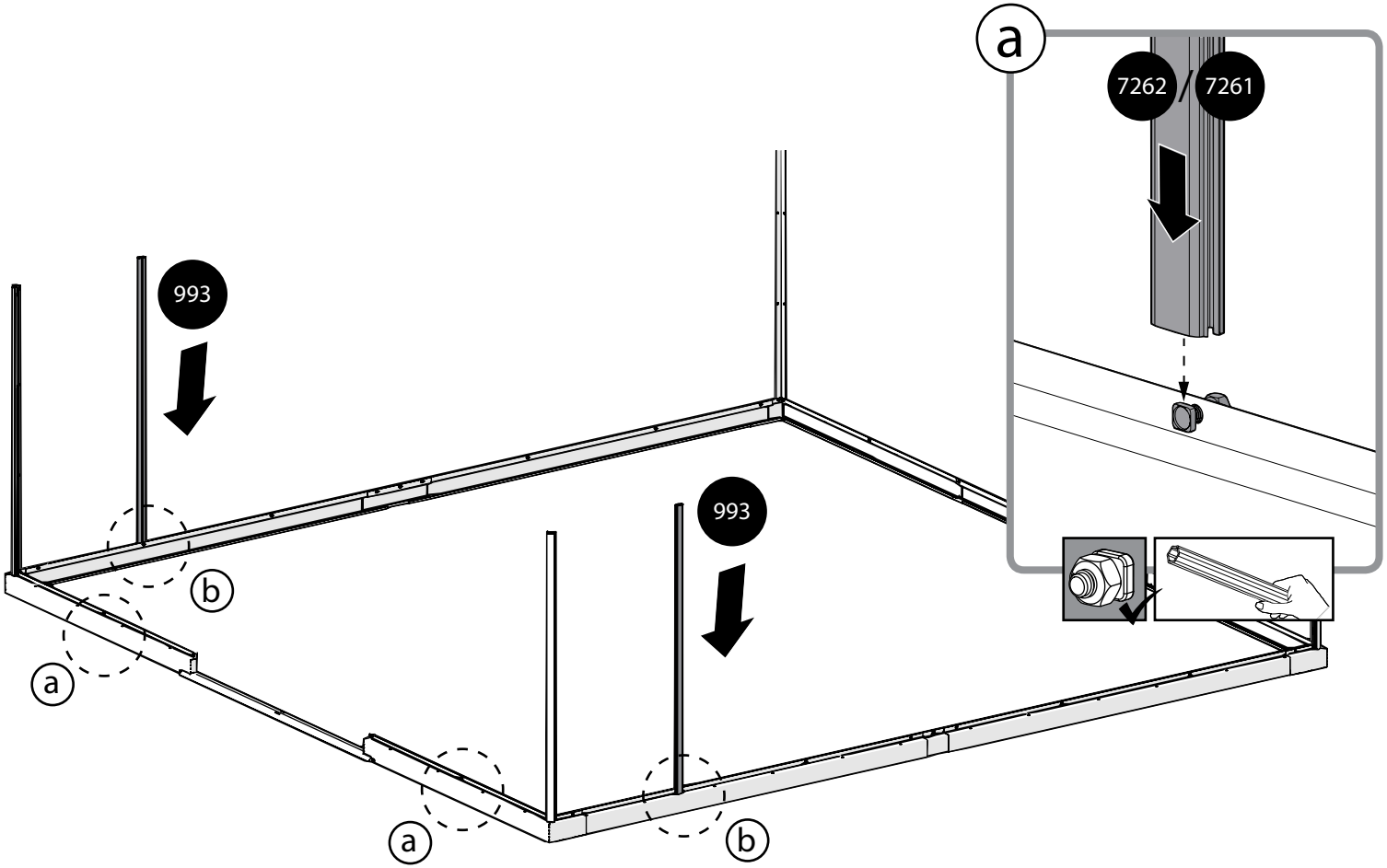


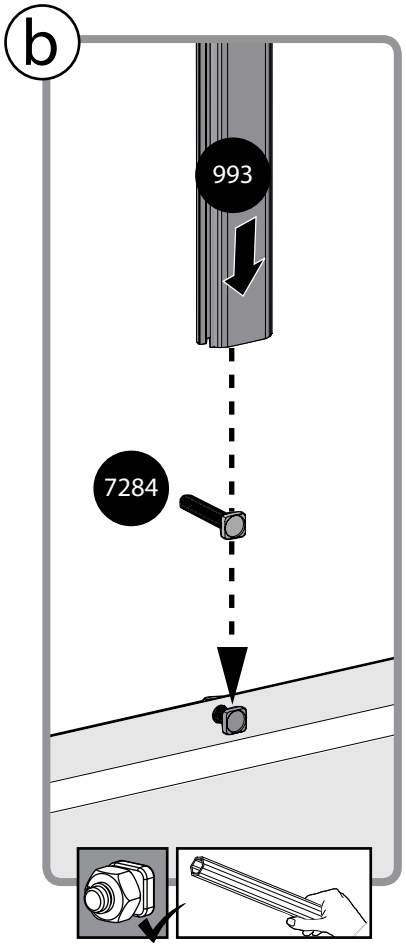
10



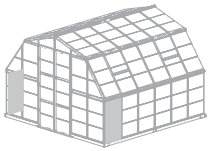
993 .....  2

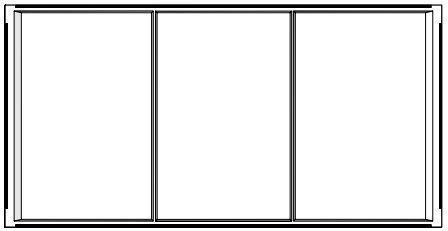
7284 .....  2

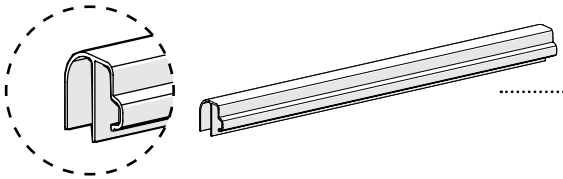


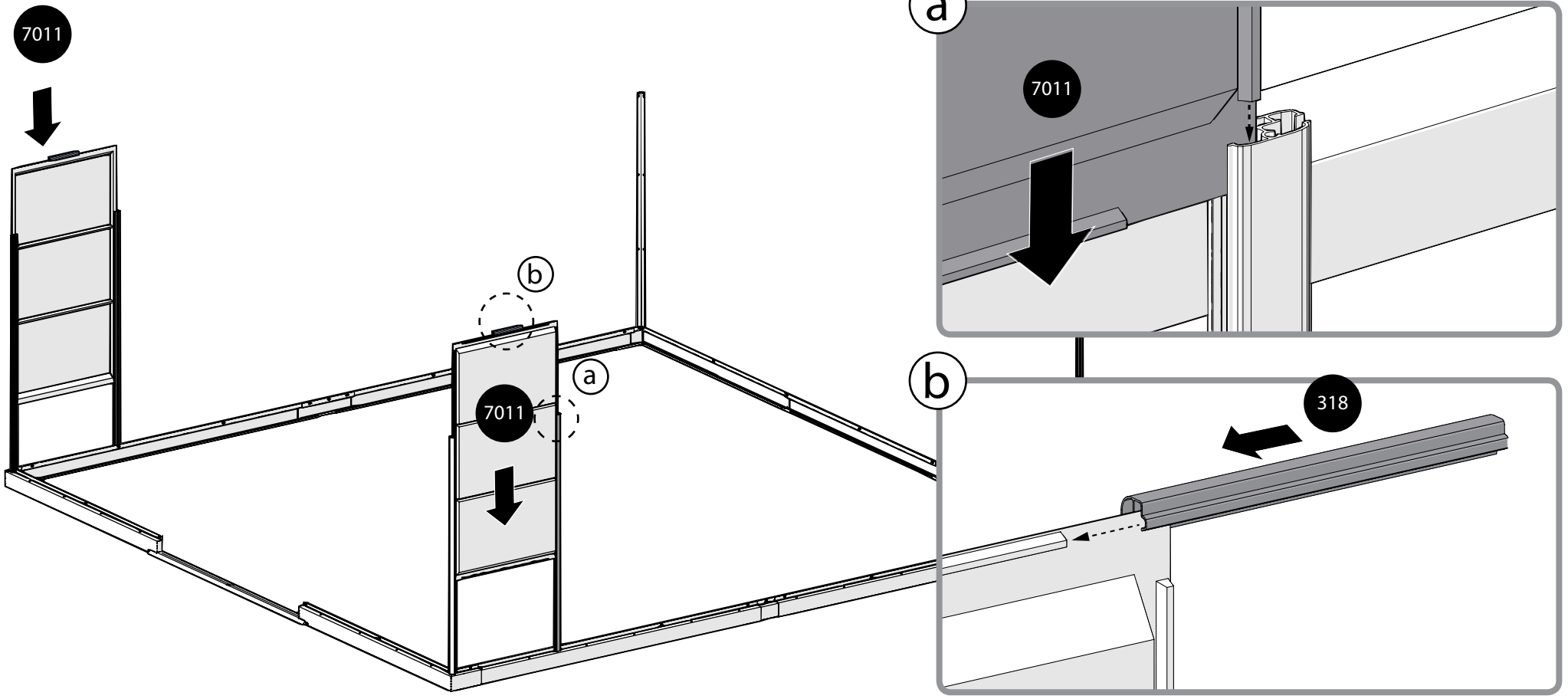


11

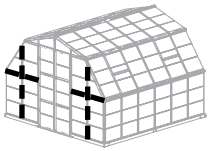


7011 .....  2

318 PVC .....  2



12



7262 1

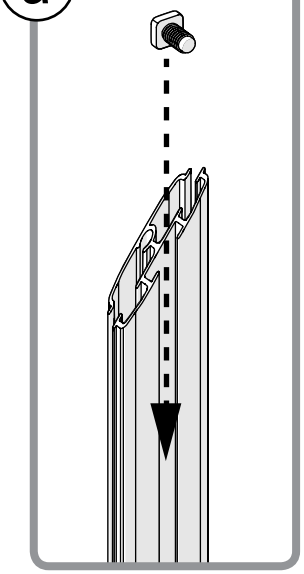
7261 1

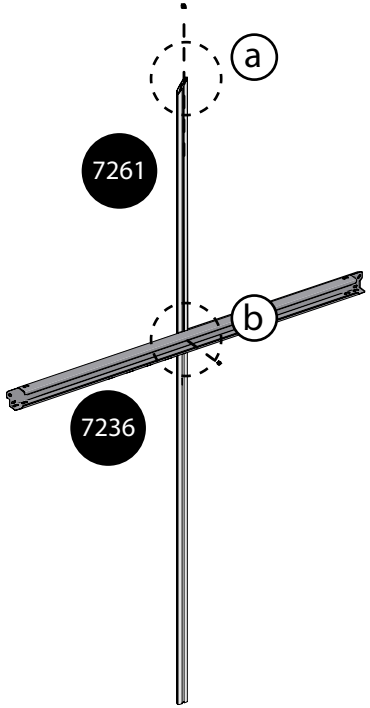
411 2

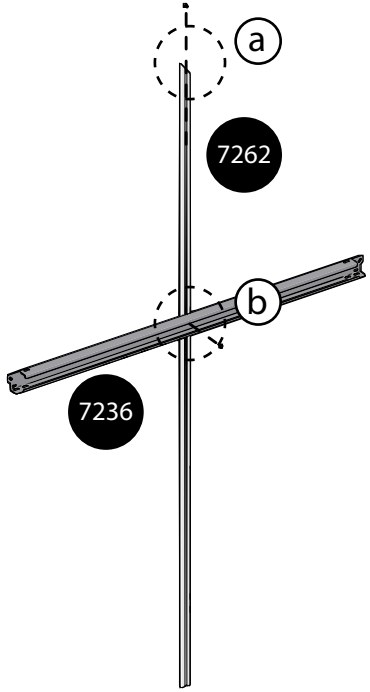
412 2

7236 2

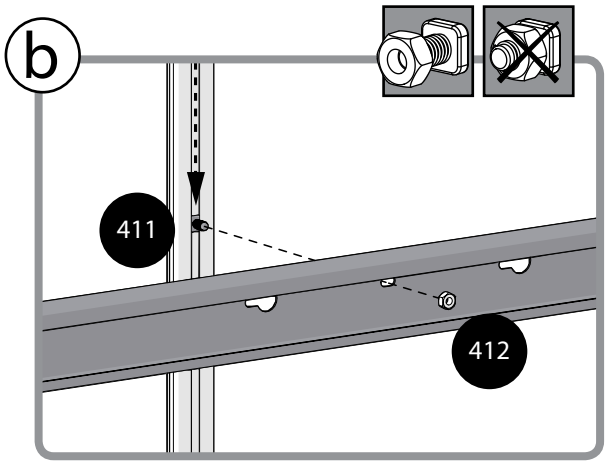
a



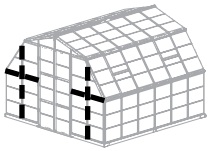


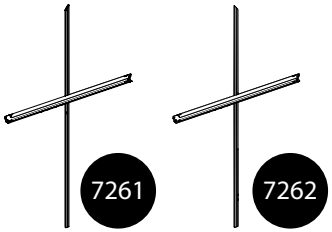


b



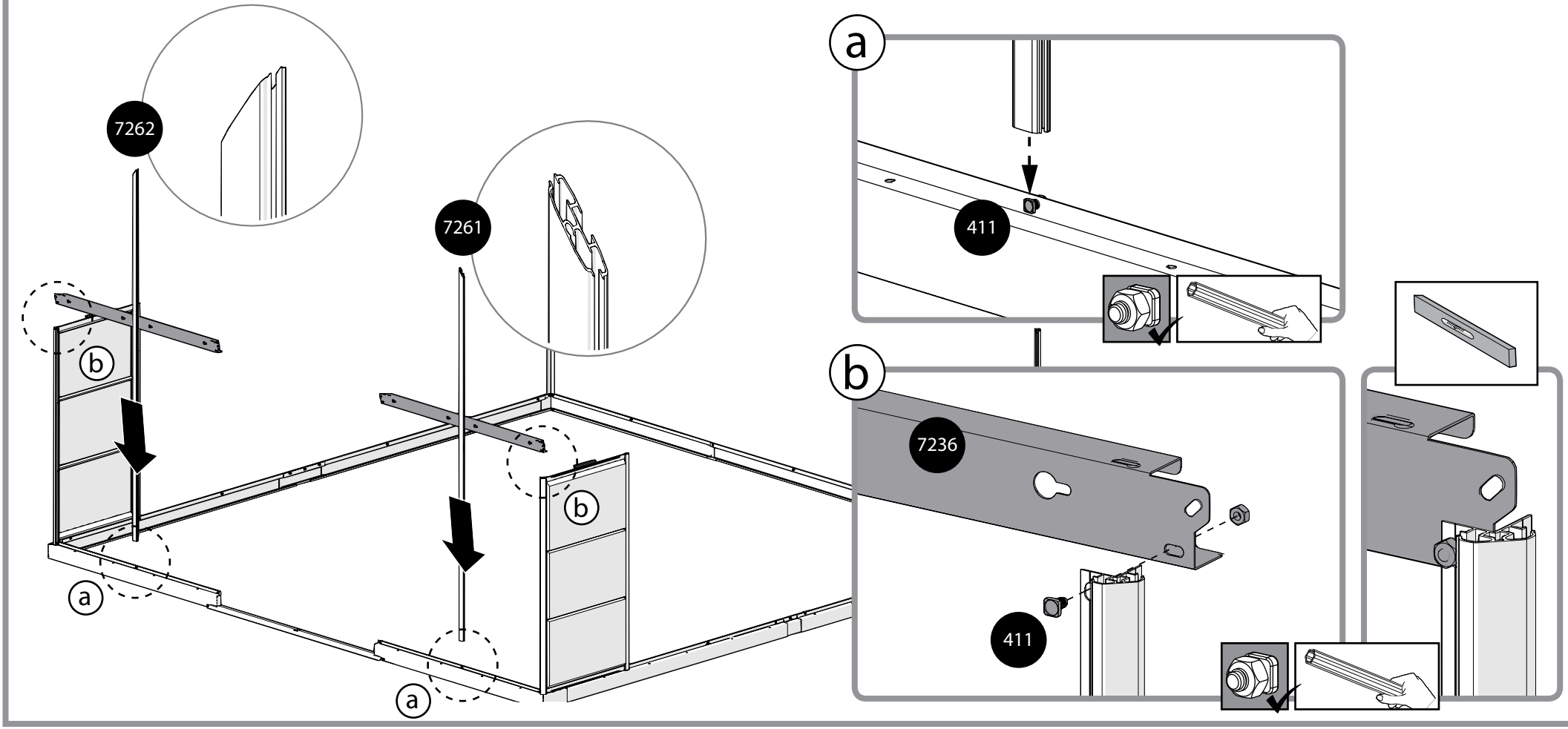
13



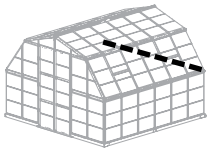


411 2

412 2

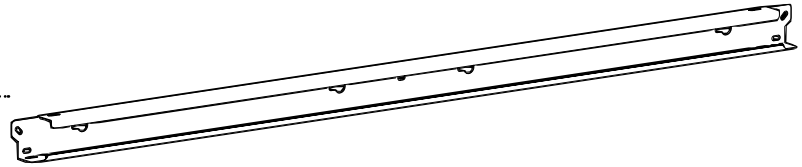


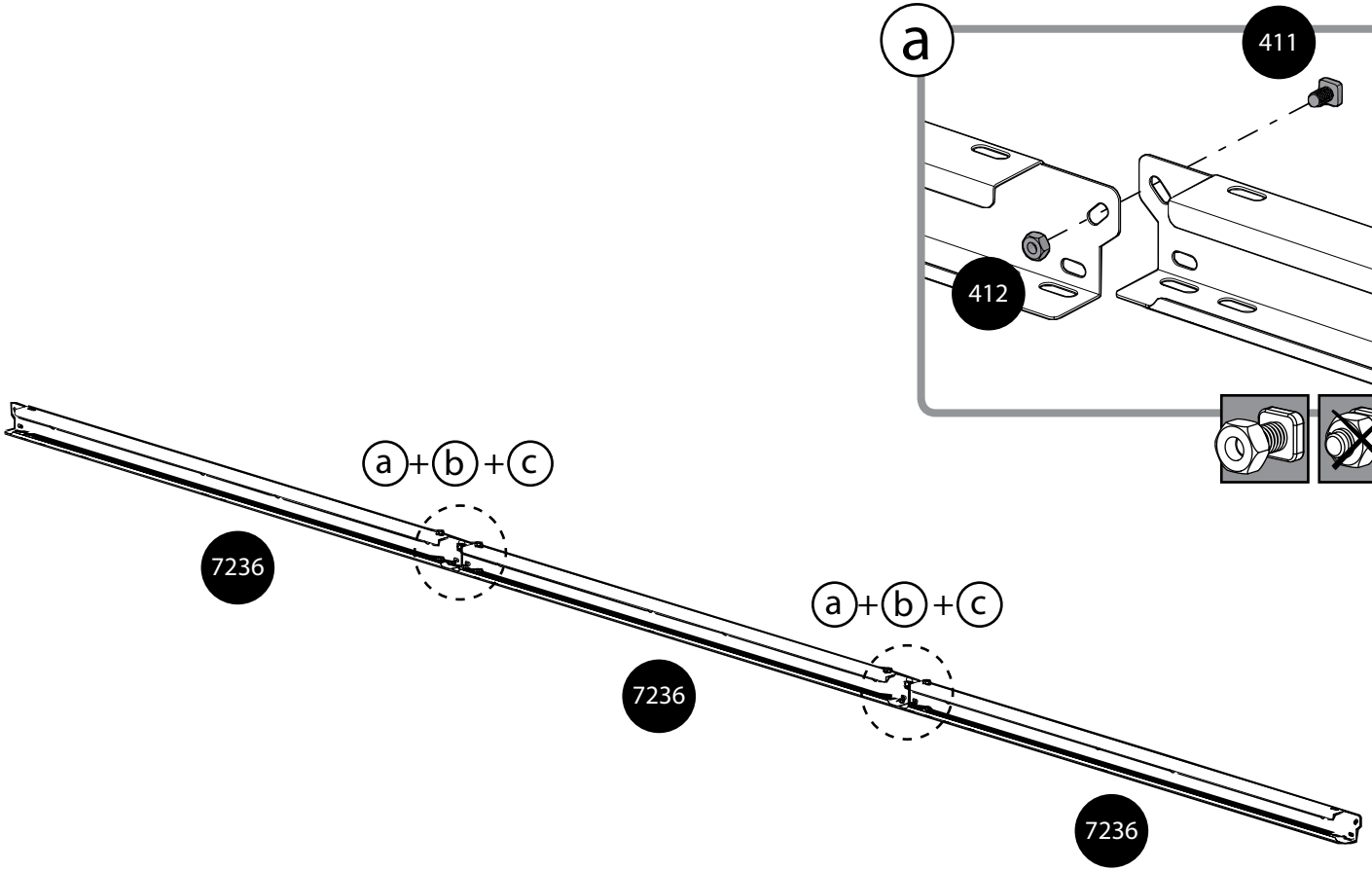
14



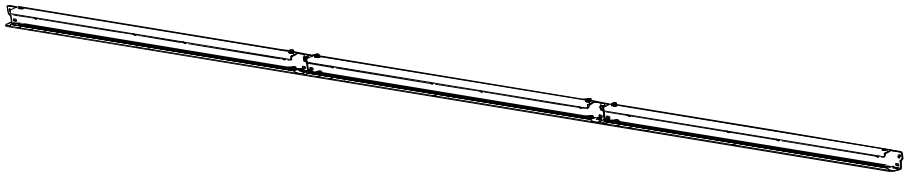
411 14

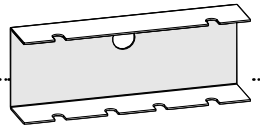
412 14

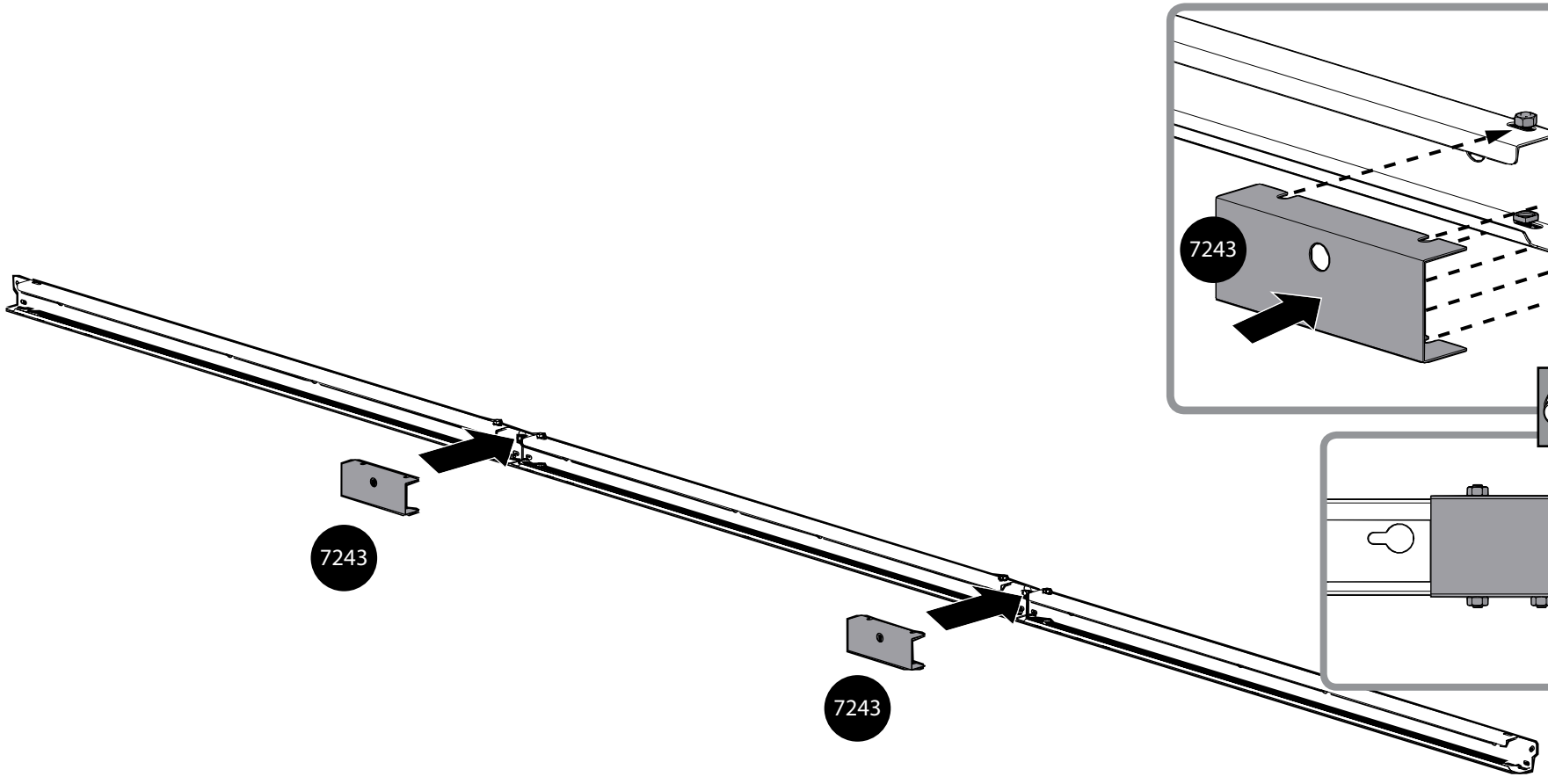
7236 .....  3



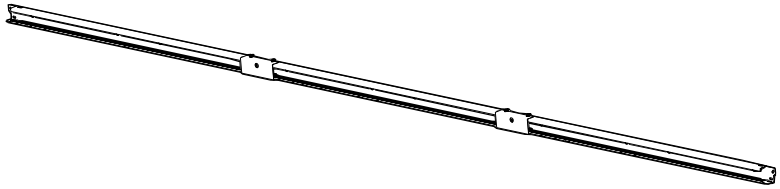
15



7243 .....  2

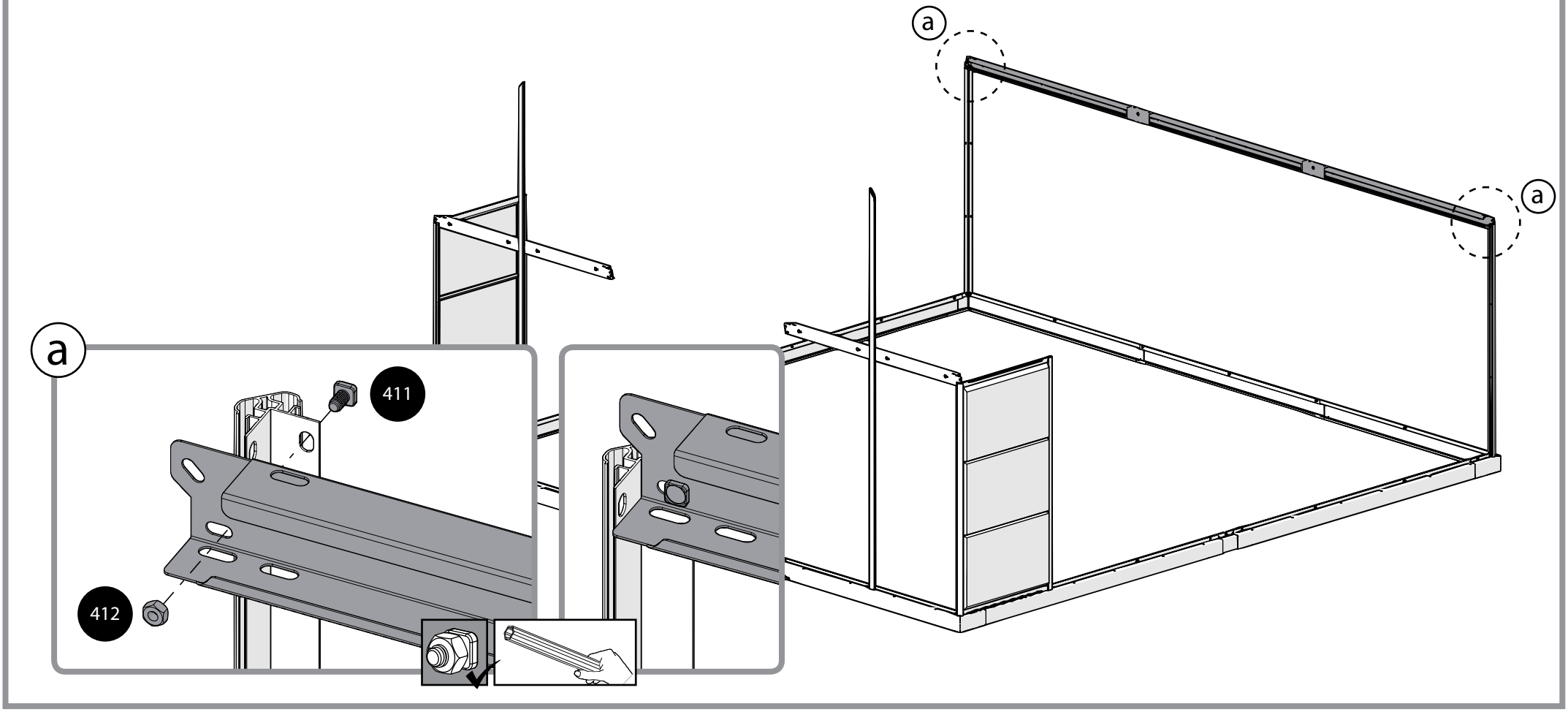


16

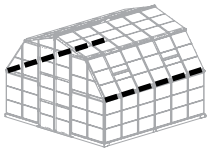


411 2

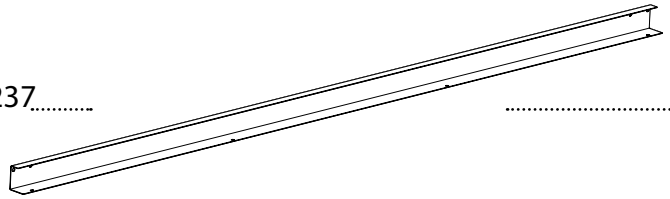
412 2



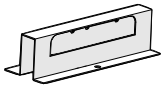
17



7237 4



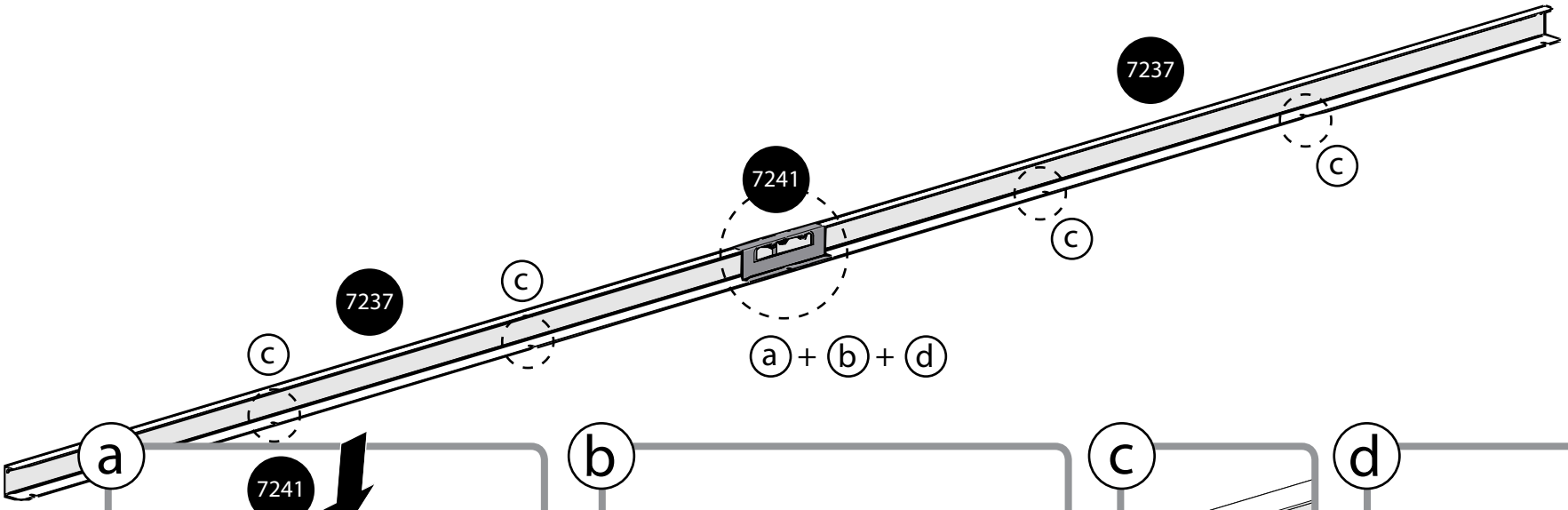
7241 2

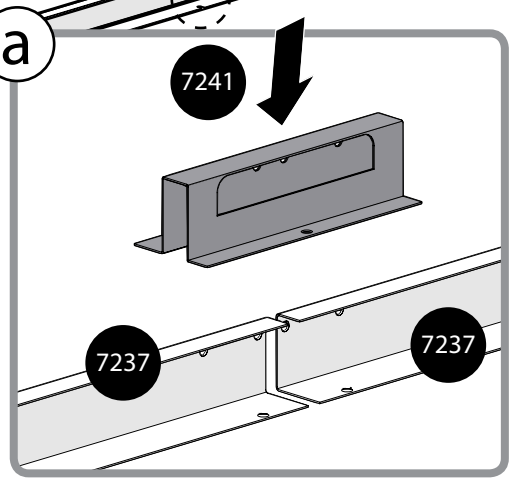


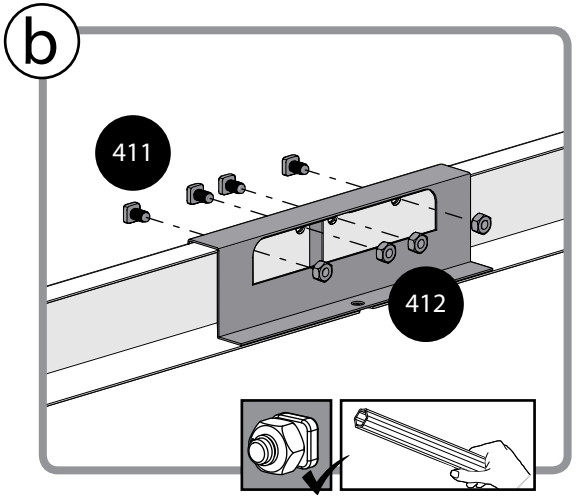
411 16

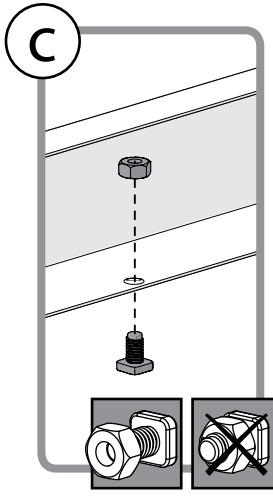
412 16

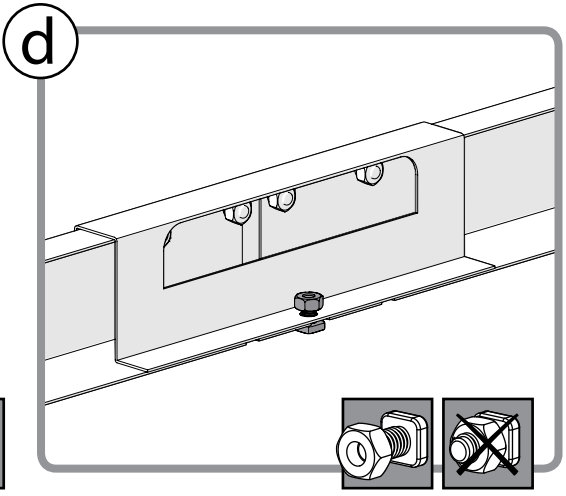
x2



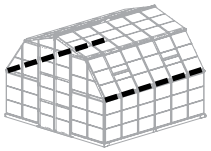


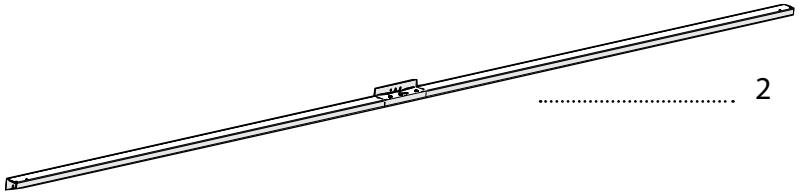






18

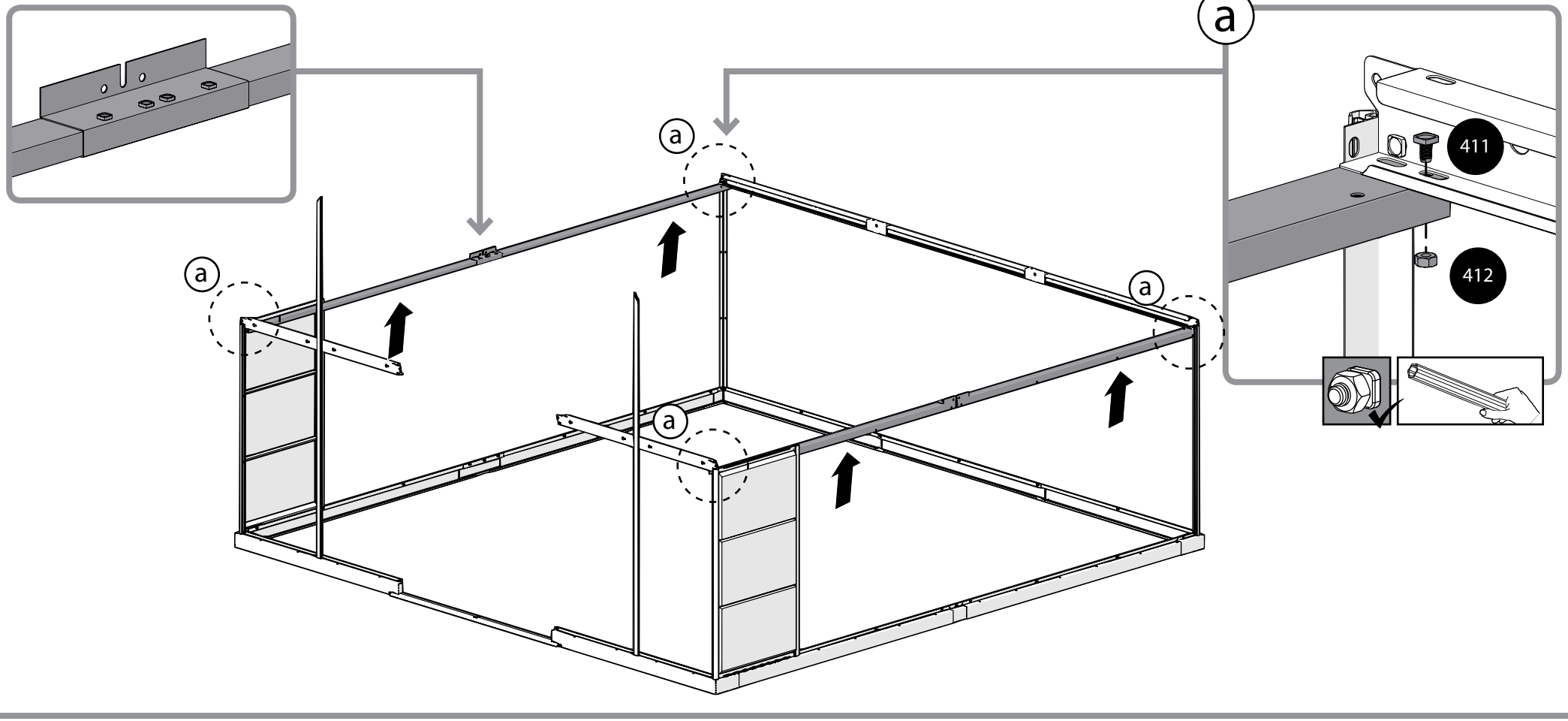




2

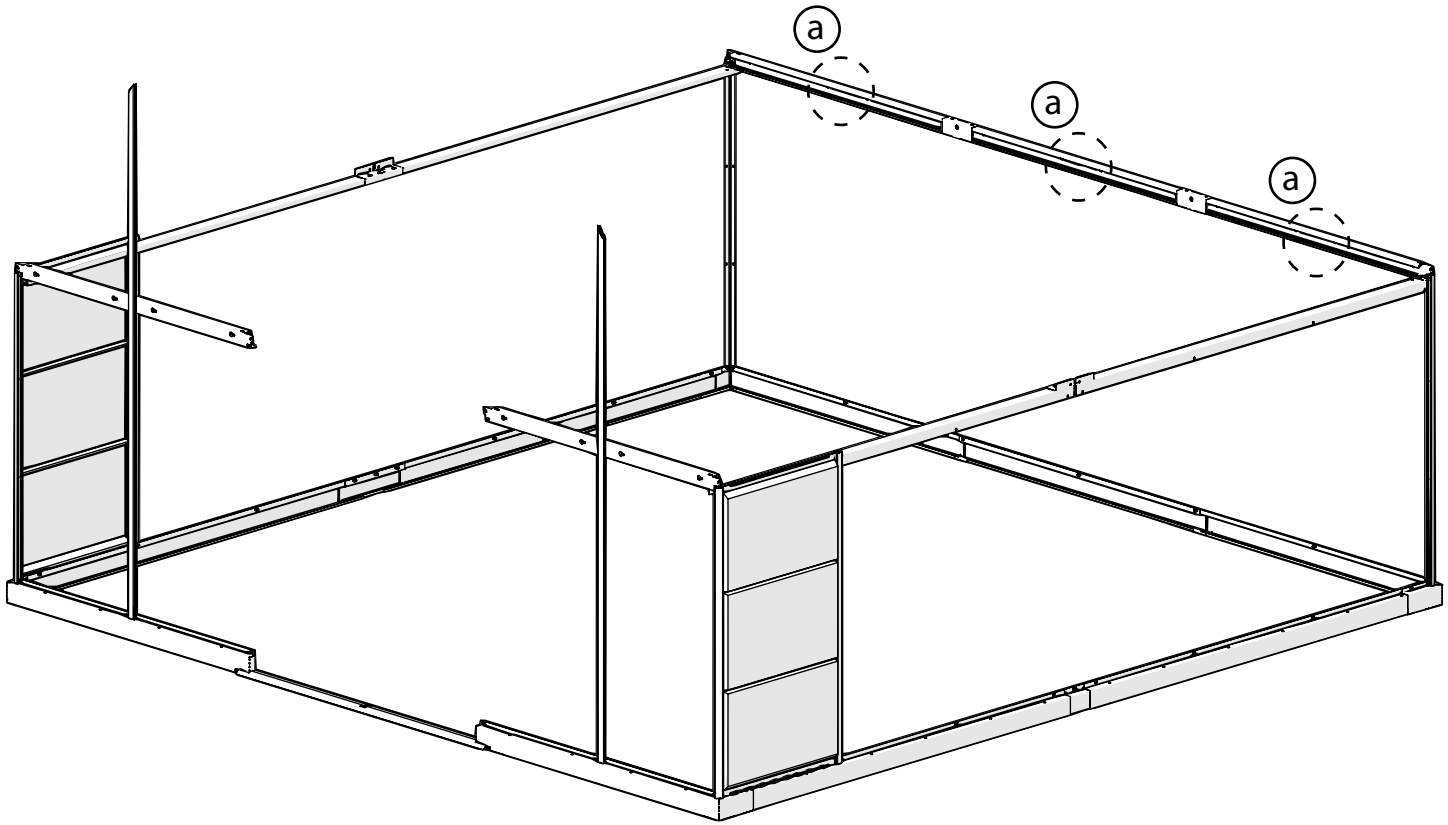
411 4

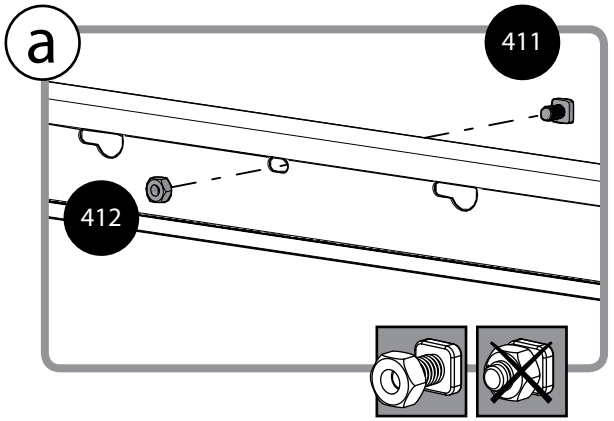
412 4

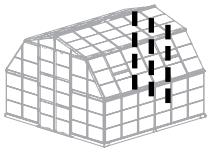


411 3

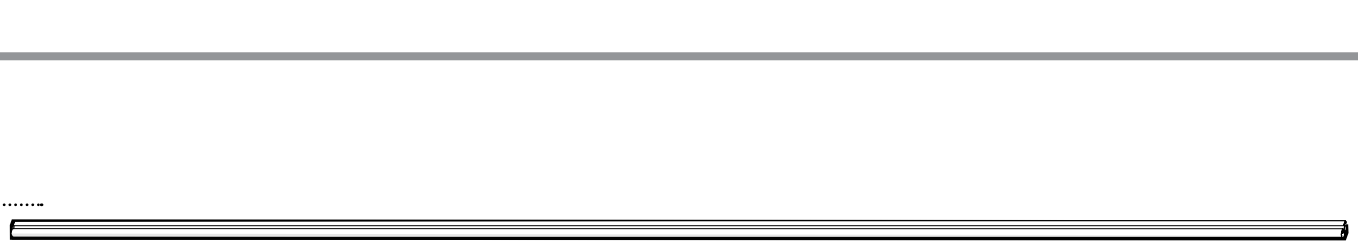
412 3

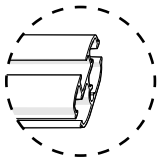


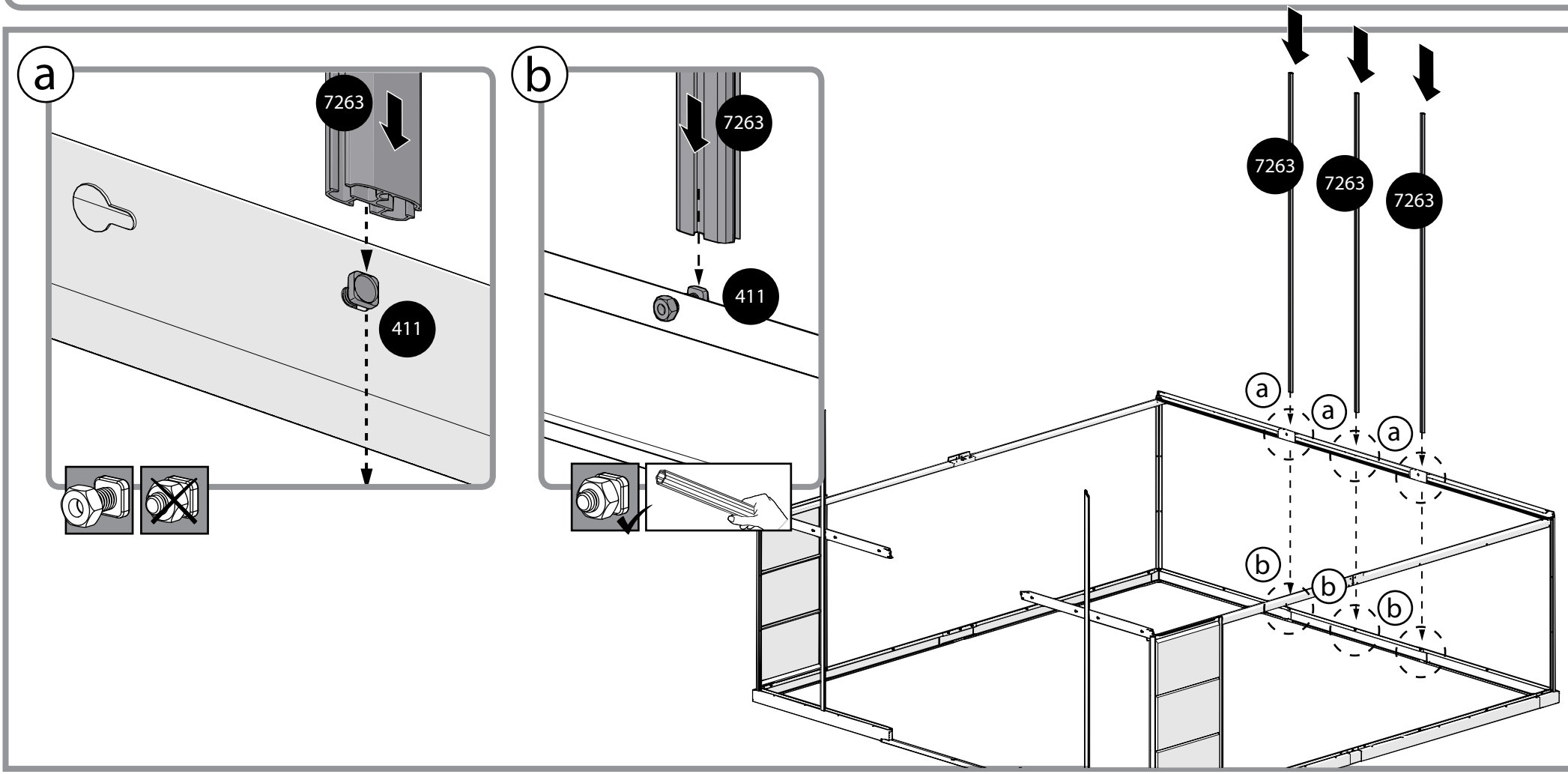




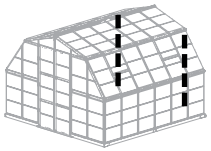
7263 3

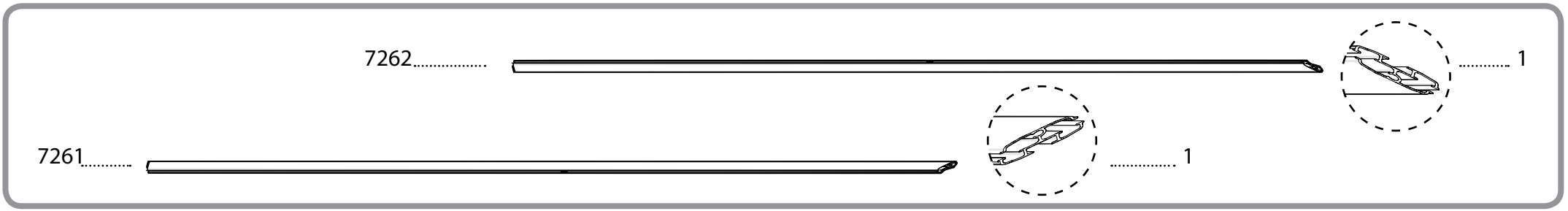


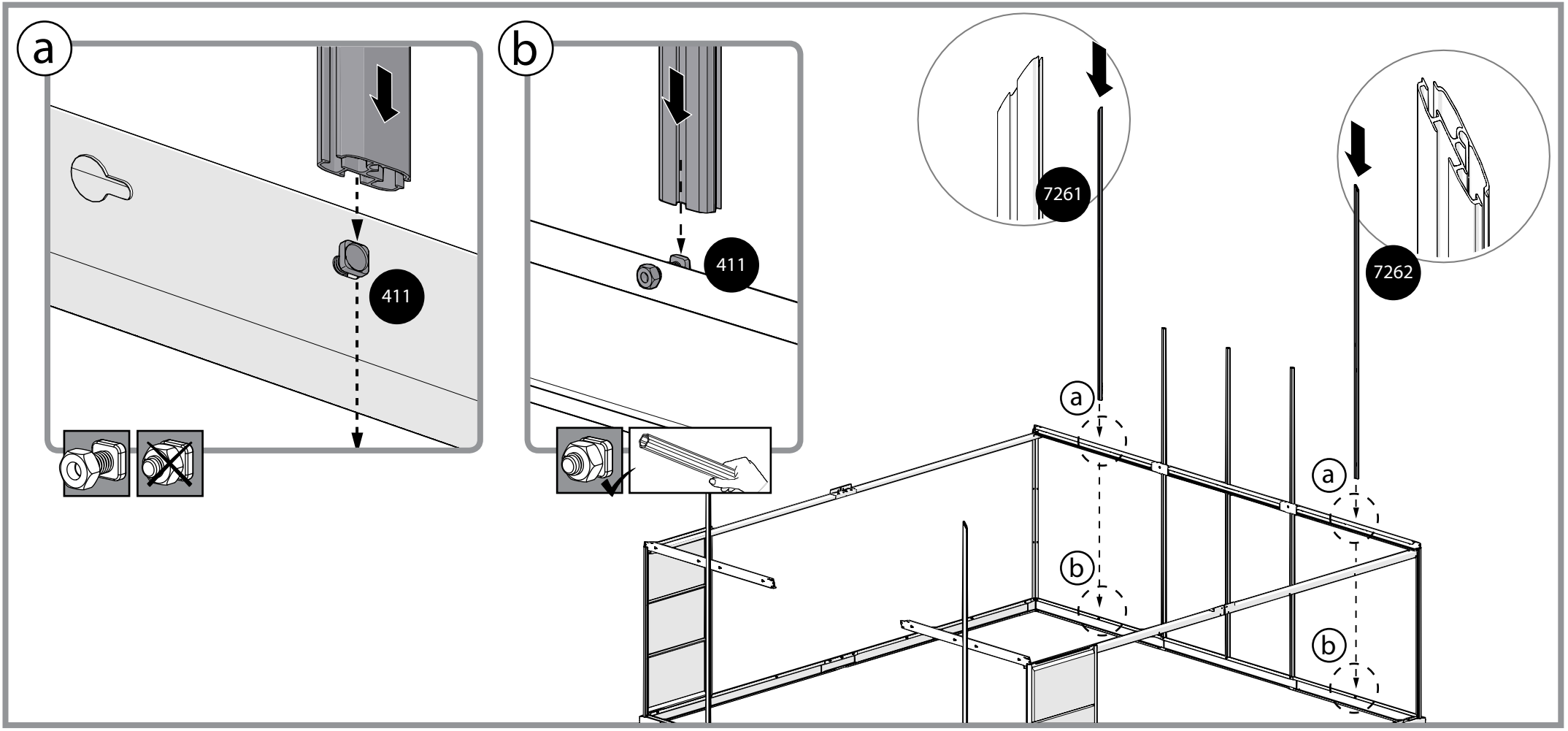


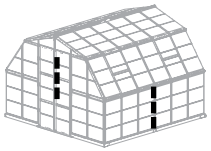


21



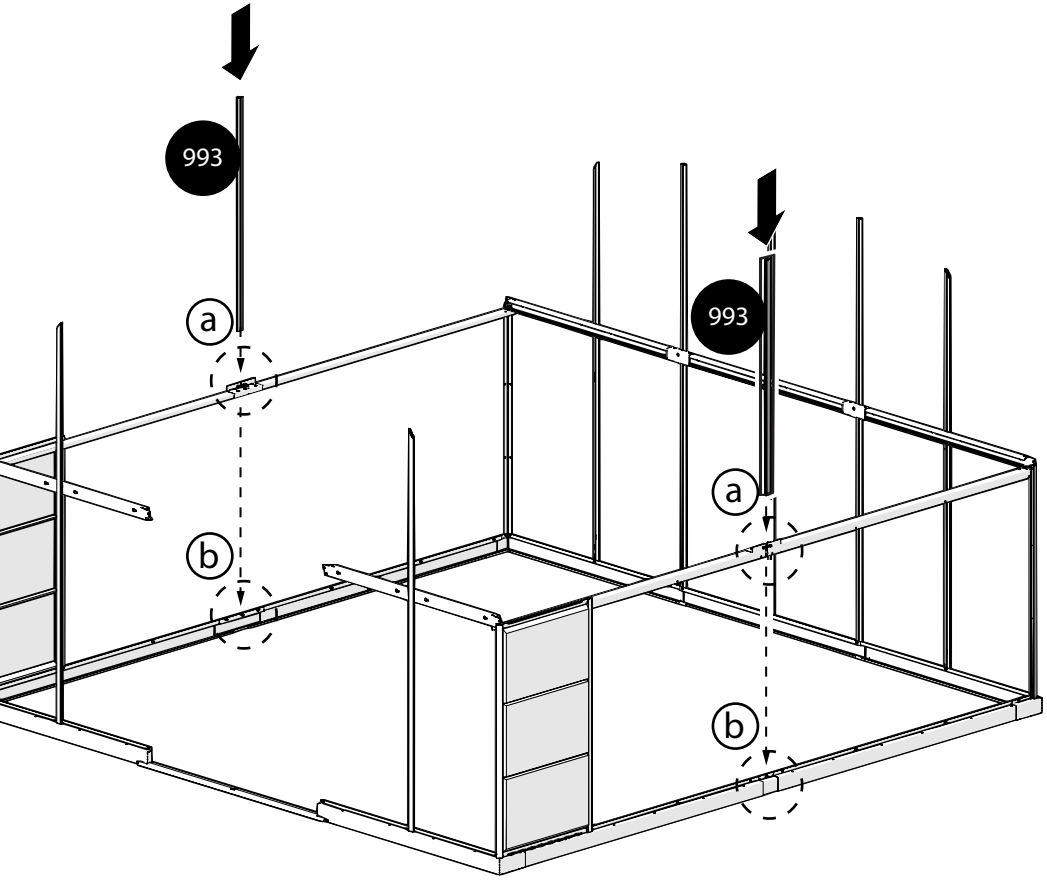


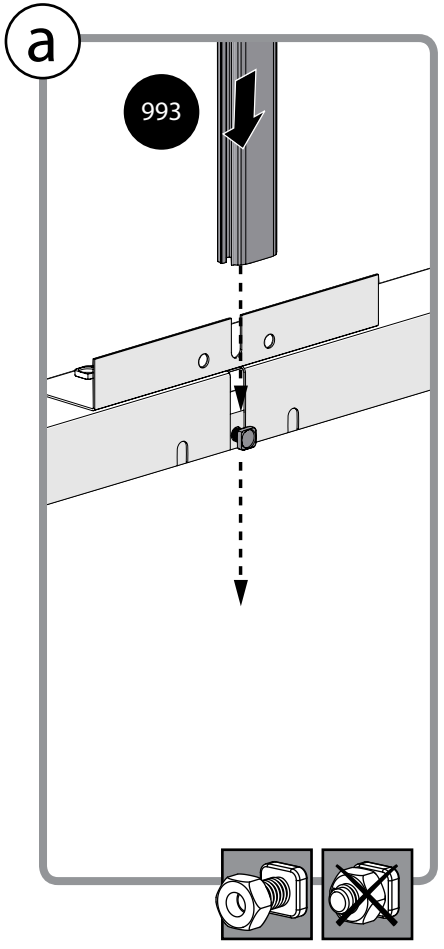


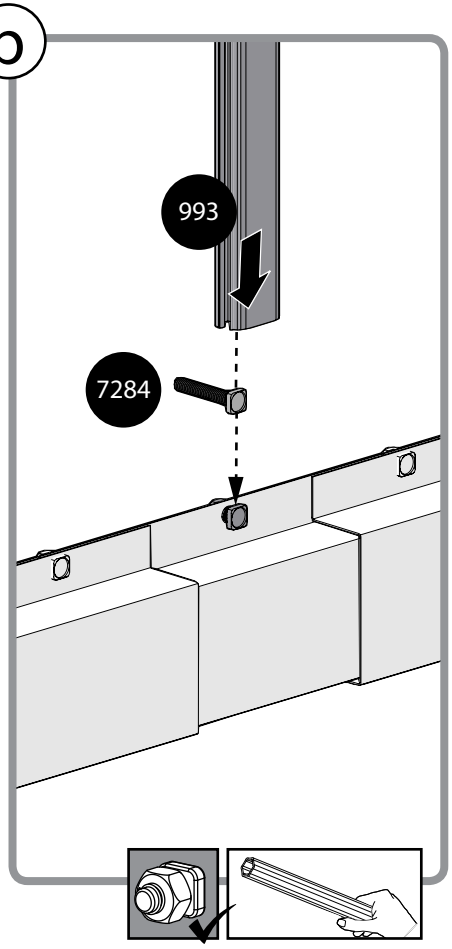


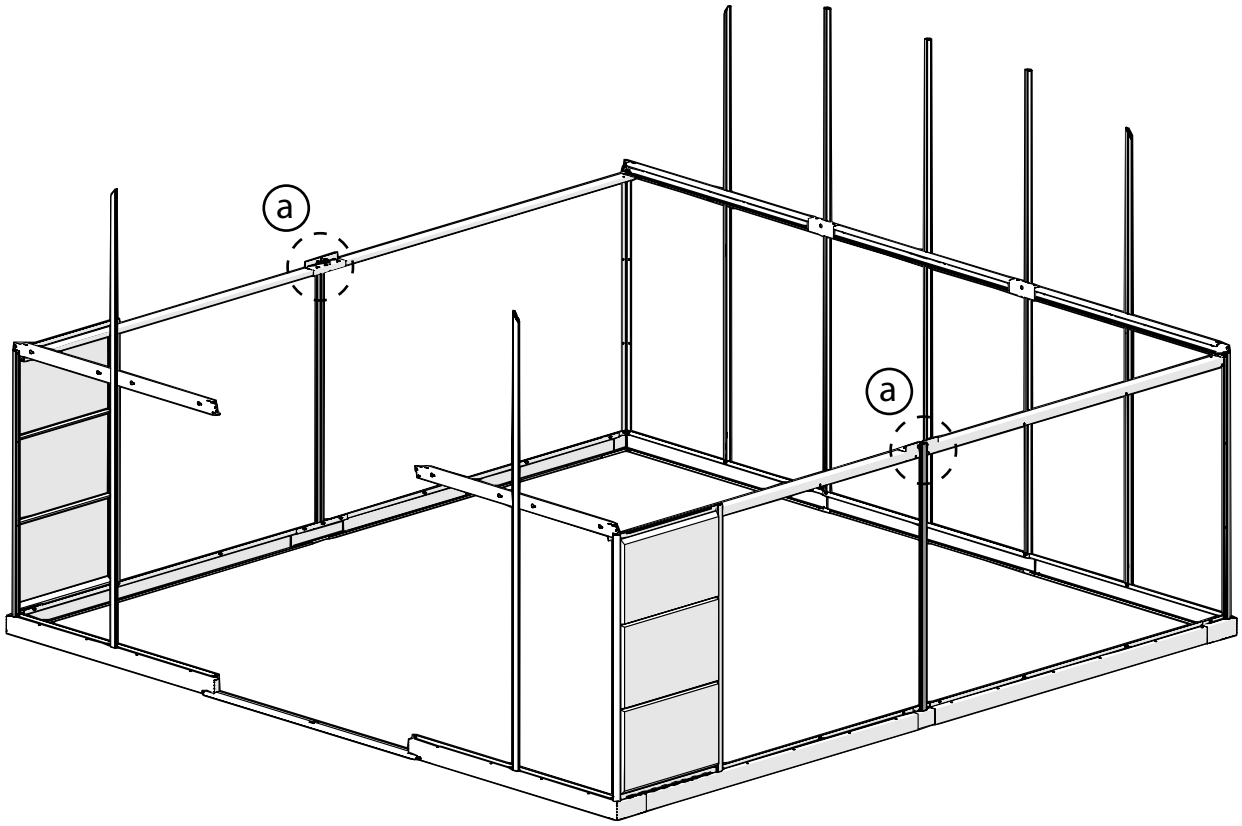
993 2

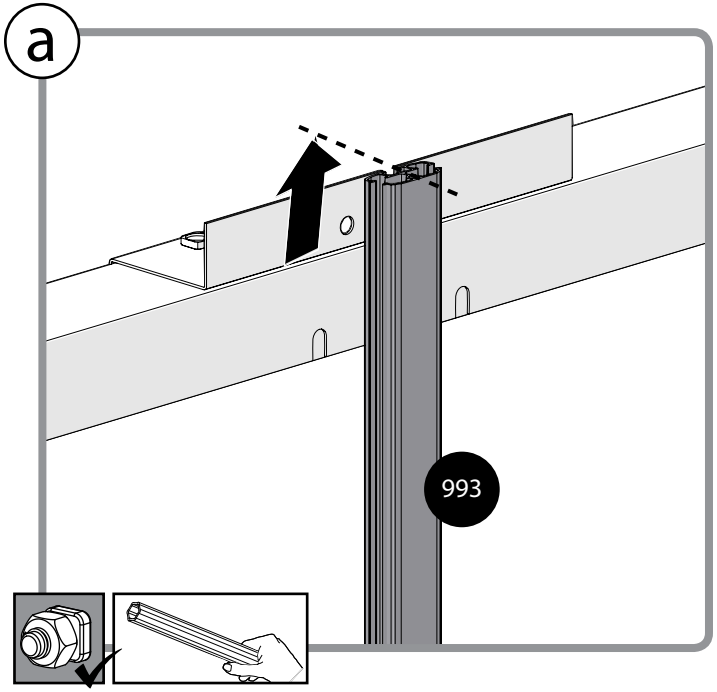
7284 2

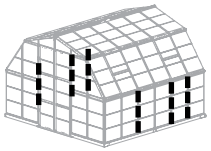






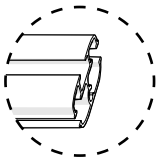

a
a

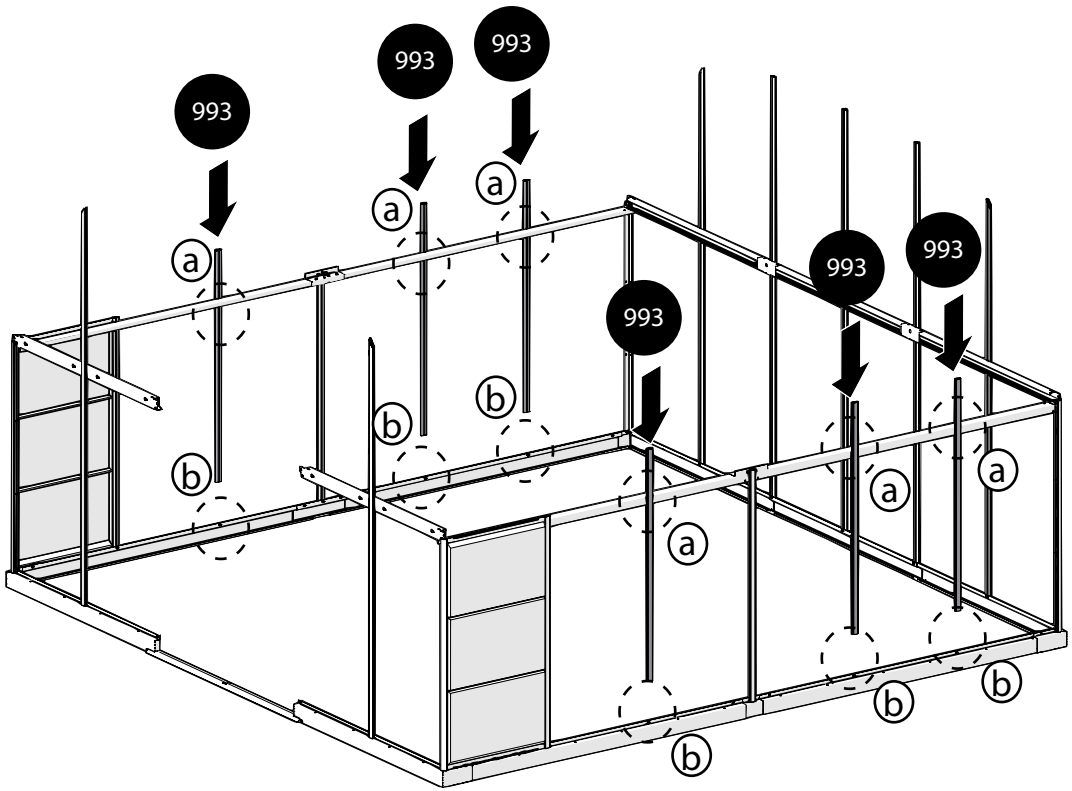

a
993

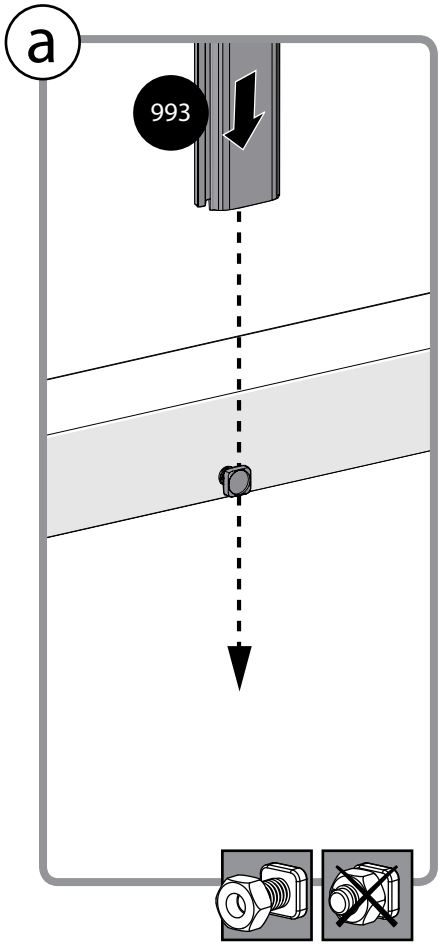


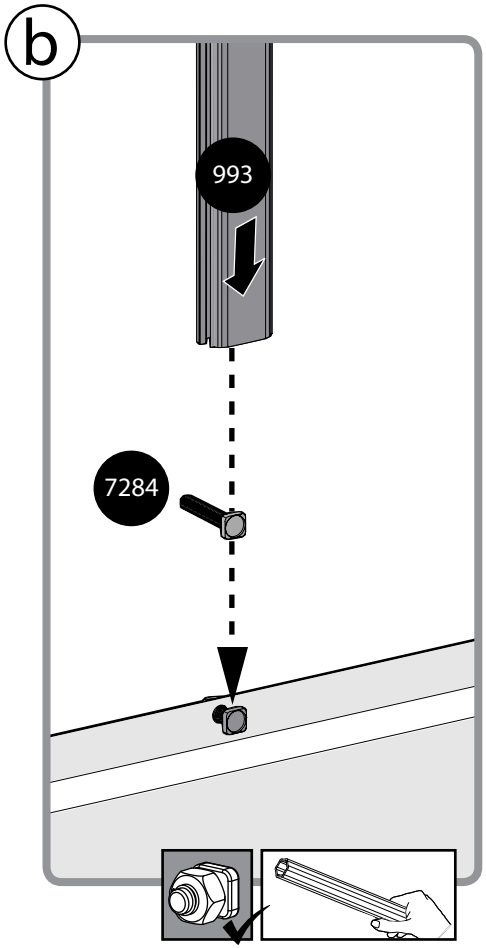
993 6

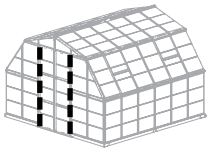
7284 6







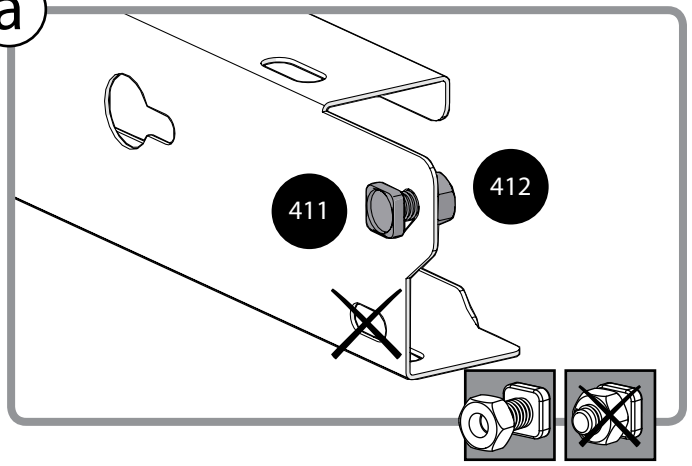


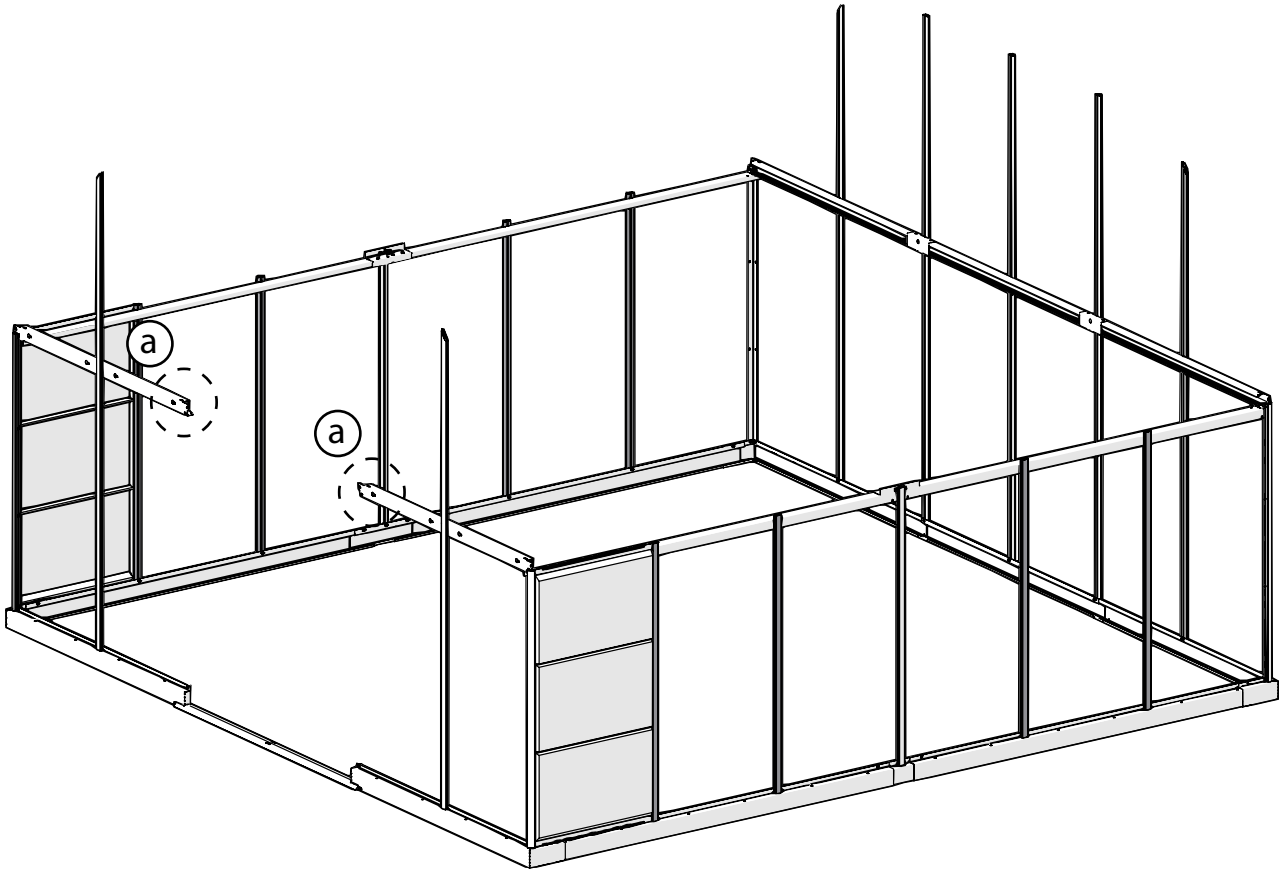


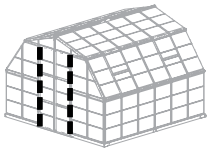
411 2

412 2

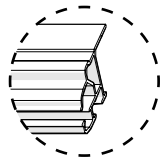
a

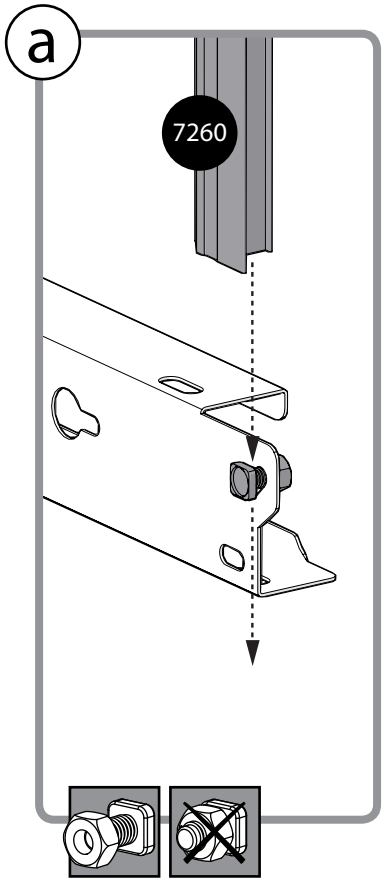


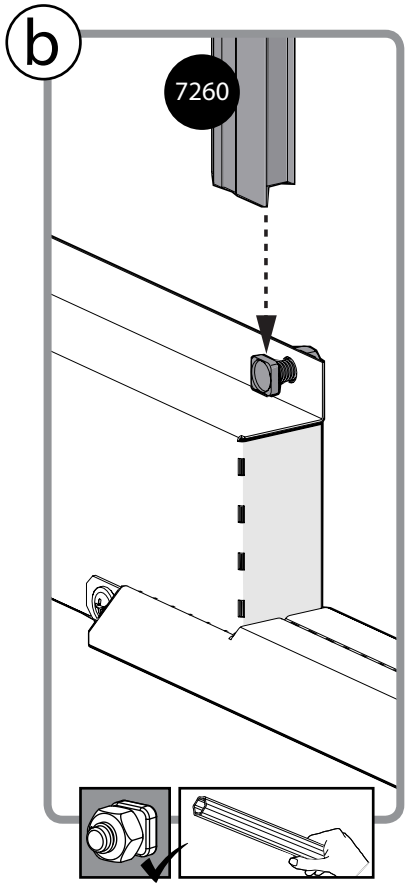


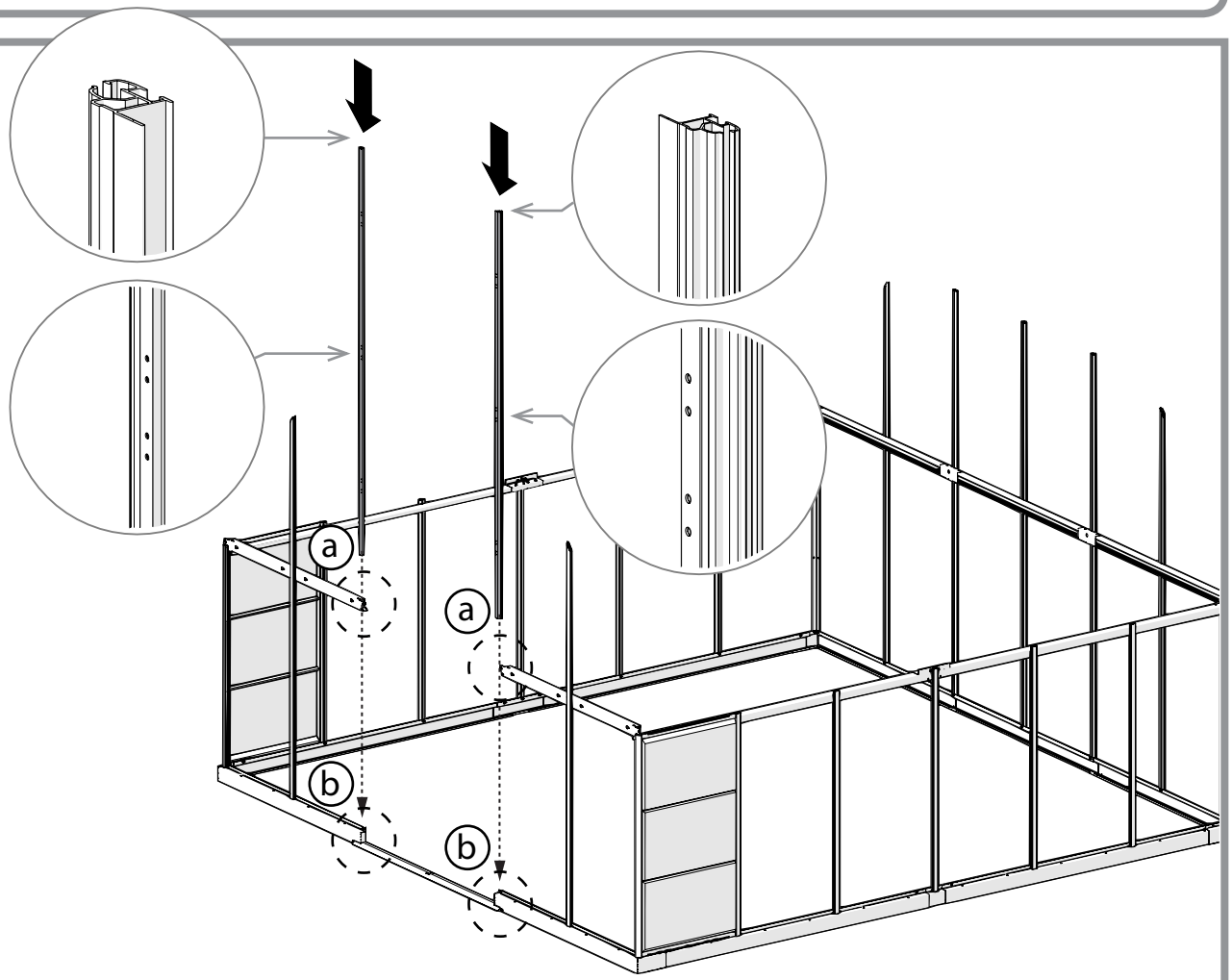


7260 2







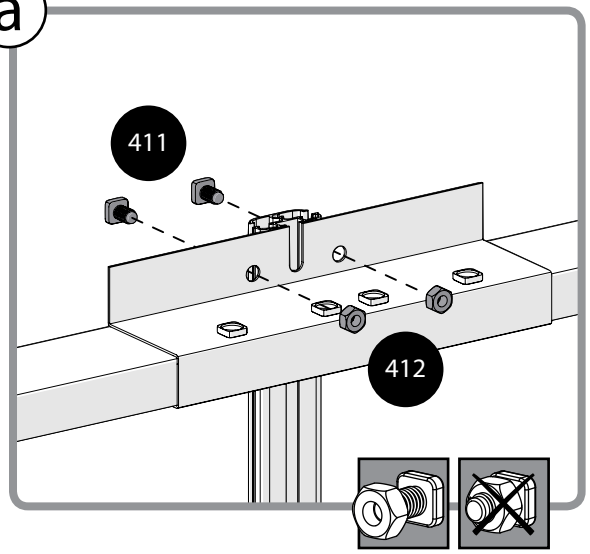


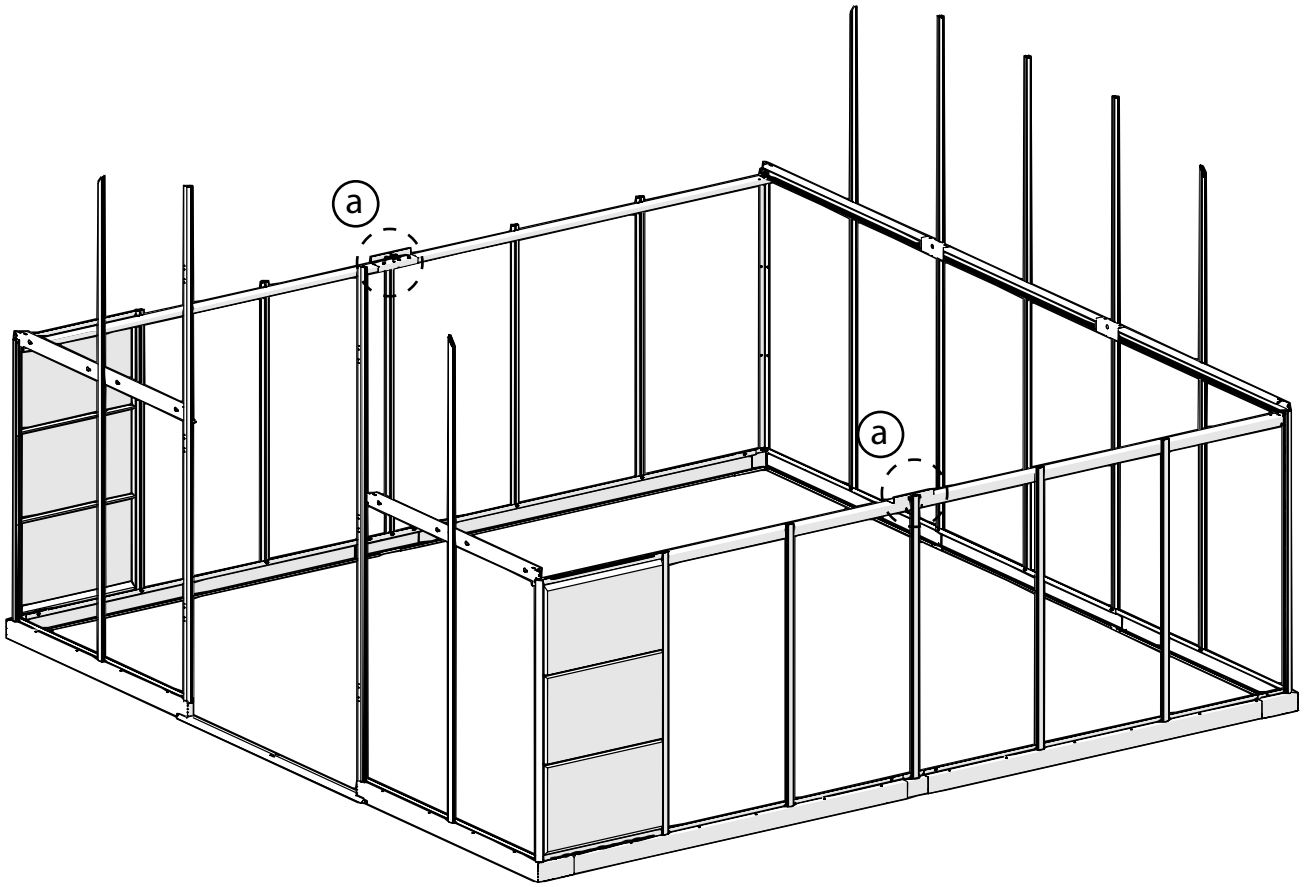
27

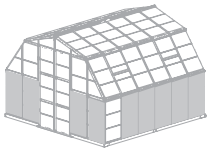
411 4

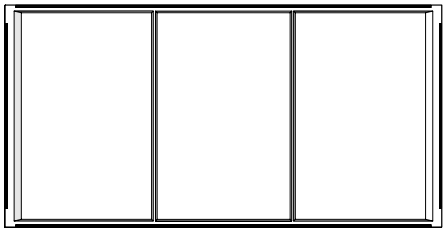
412 4

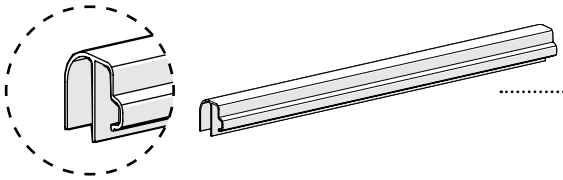
a

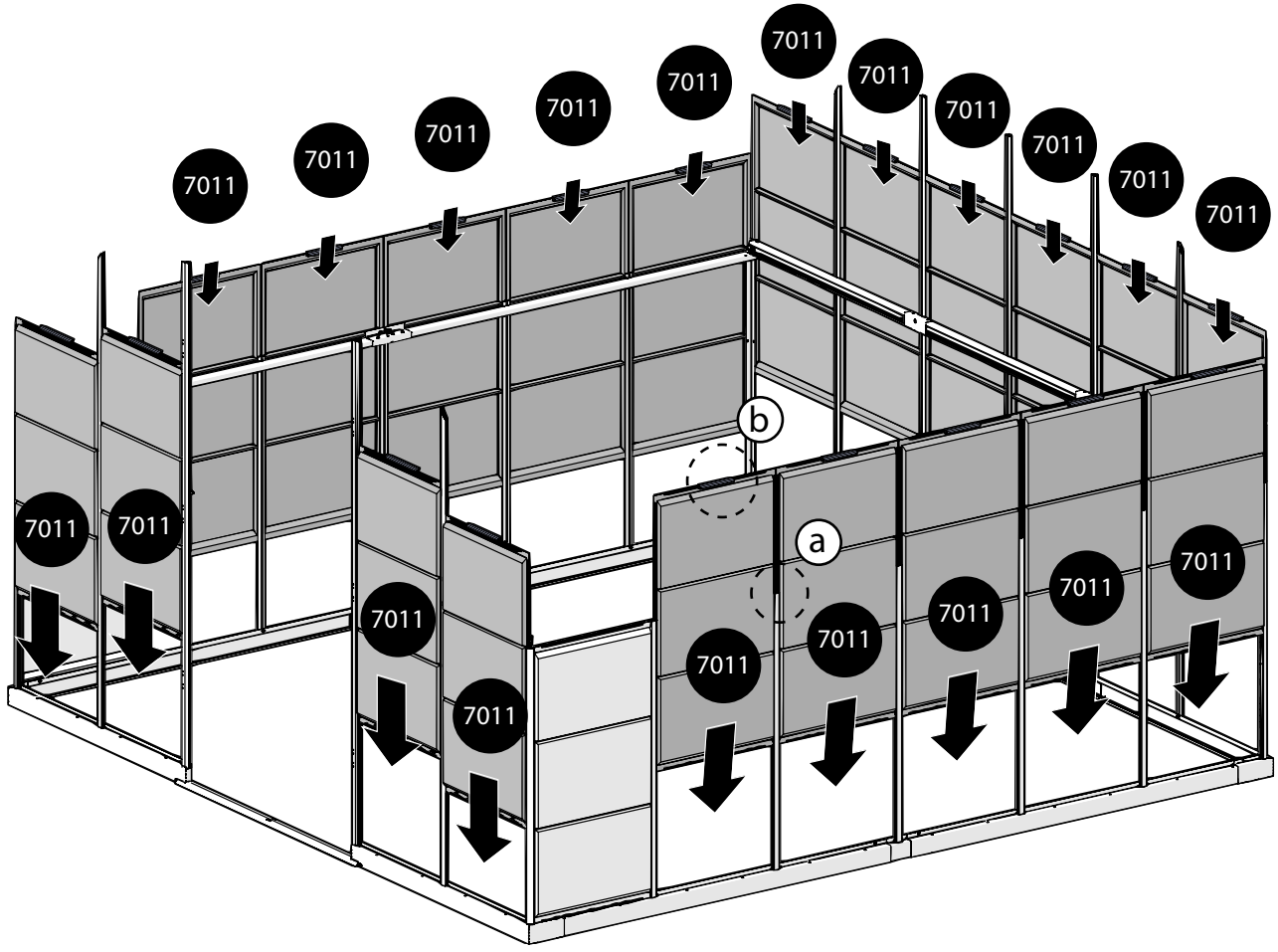




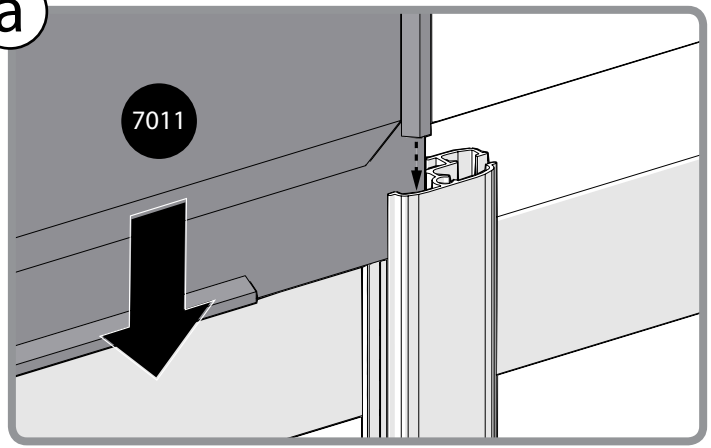


7011 .....  20

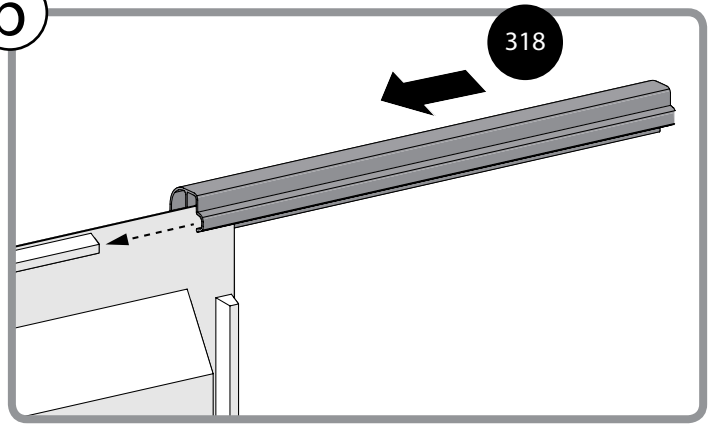
318 PVC .....  20

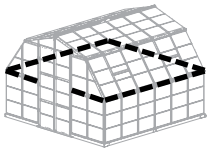


a

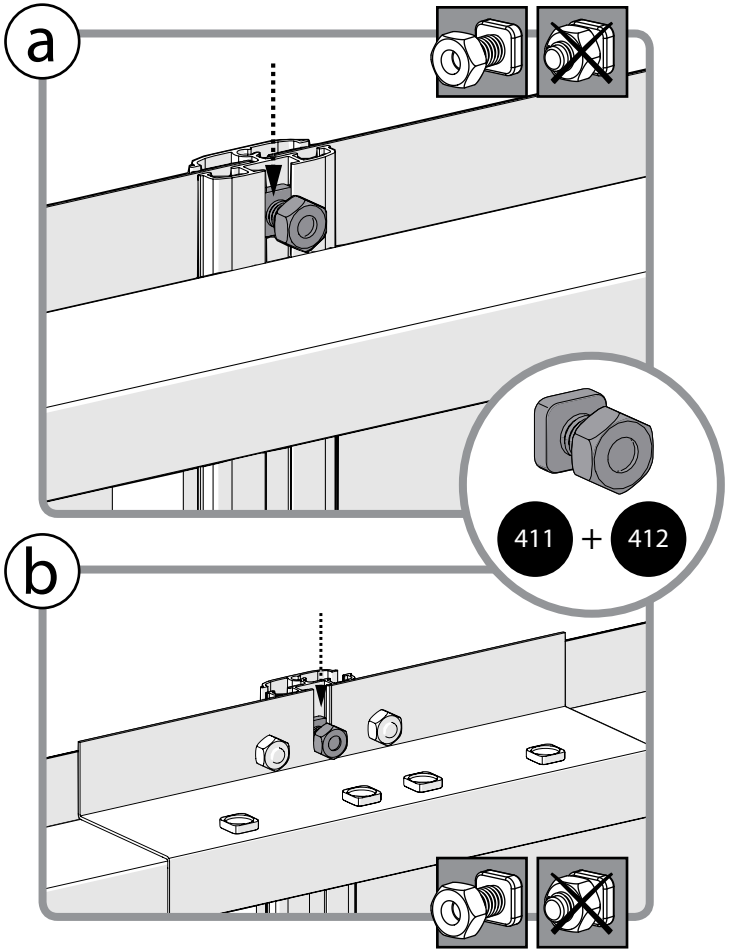


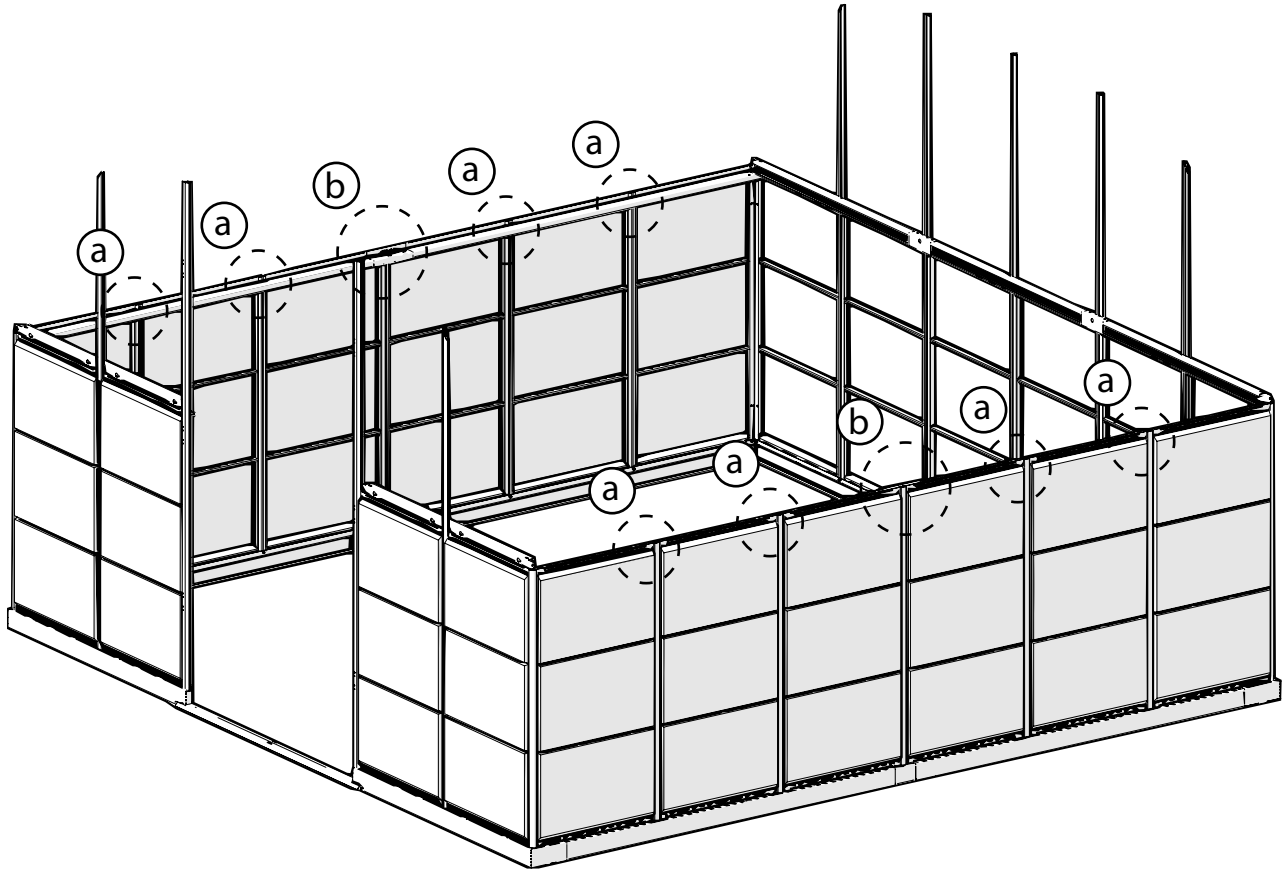
b

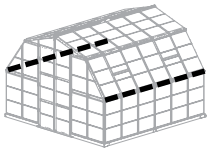


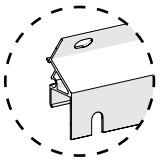


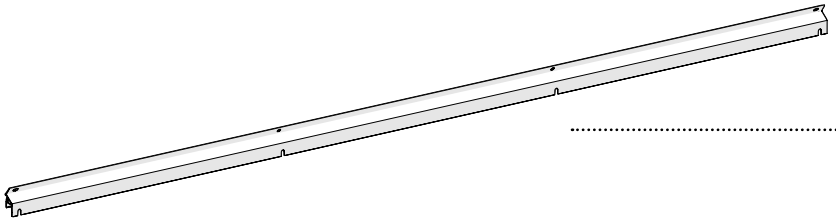
411 ..... 10 412 10

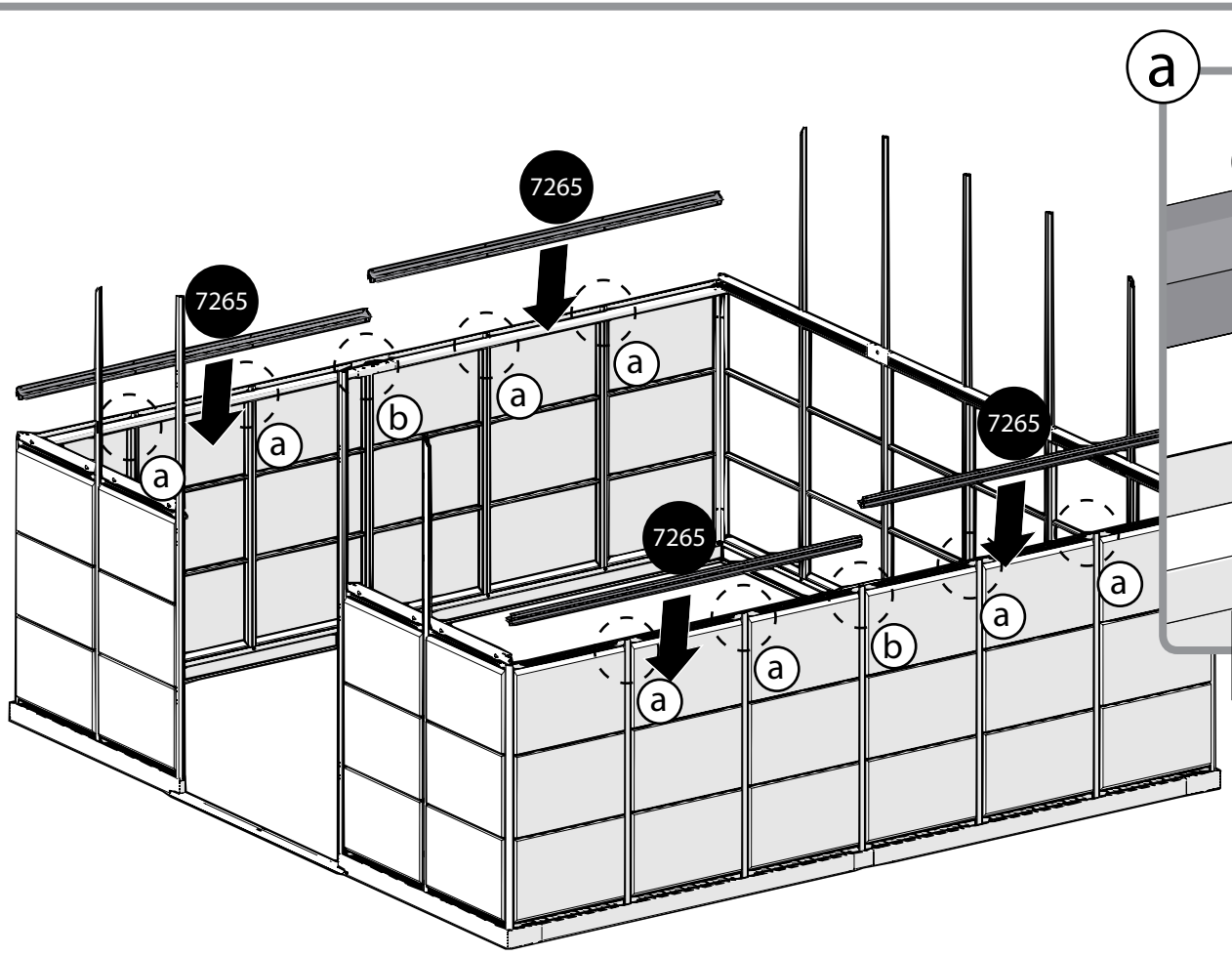


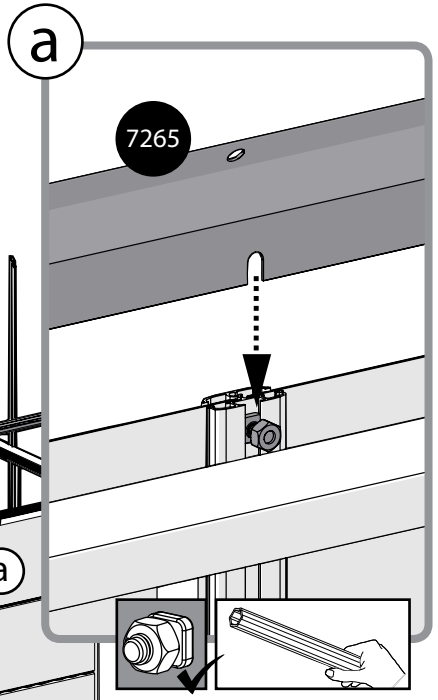


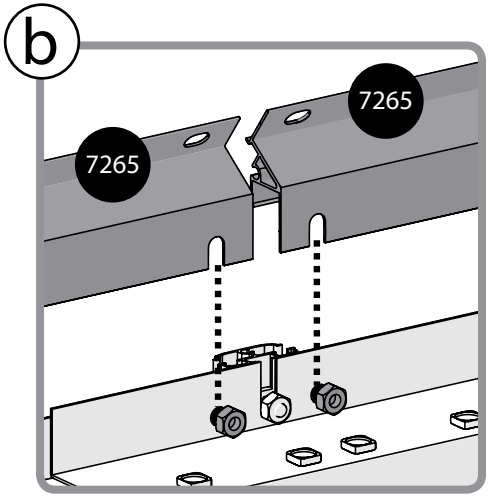


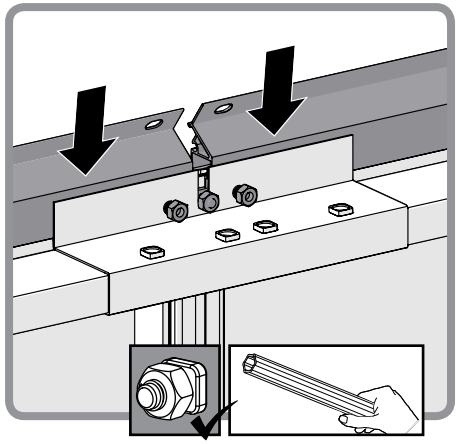
7265 ..... 

 4

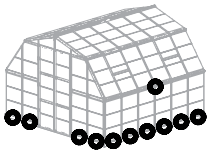






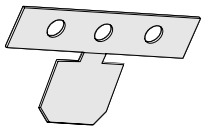


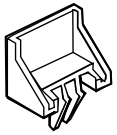
31

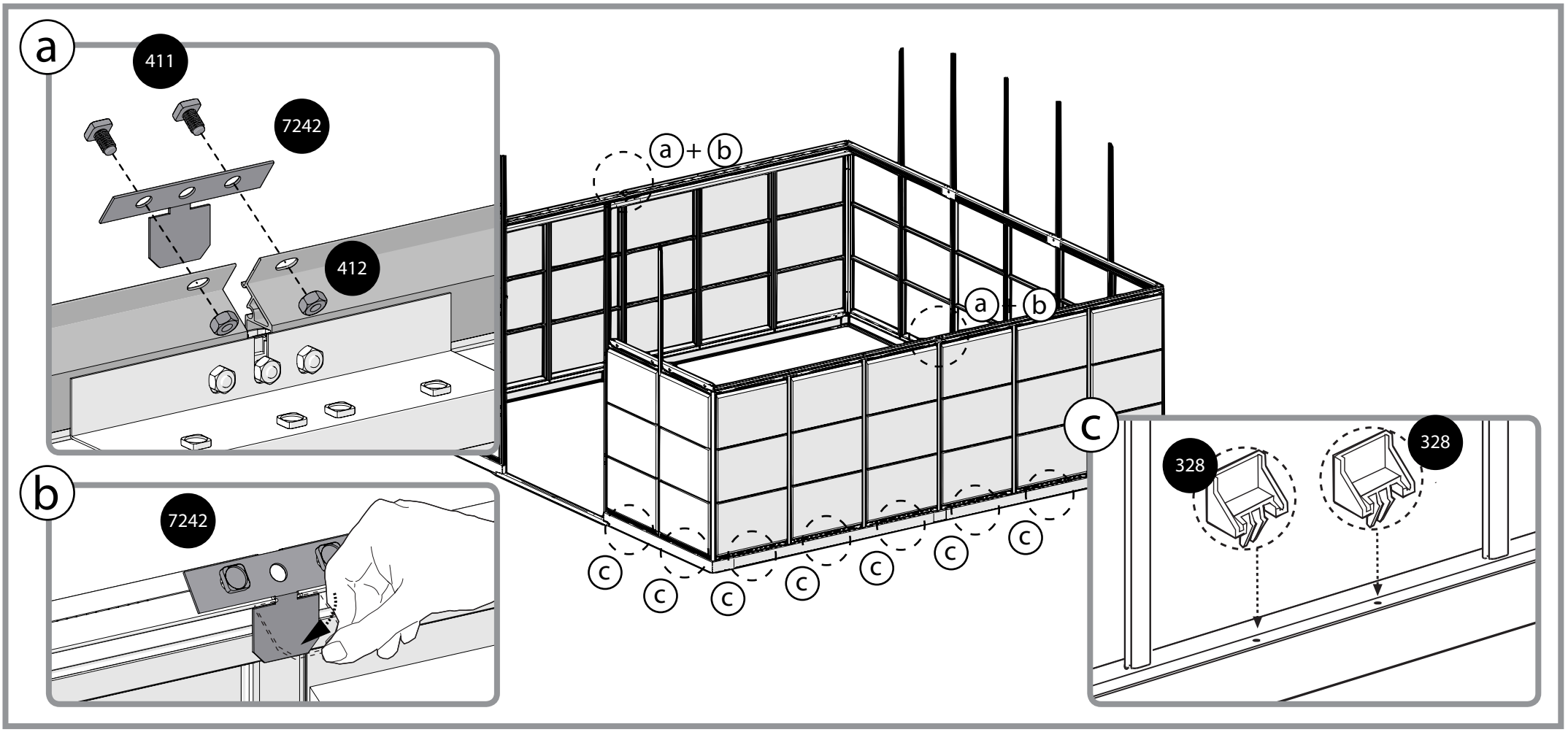


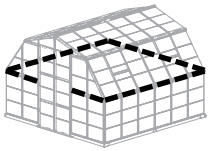
411 4

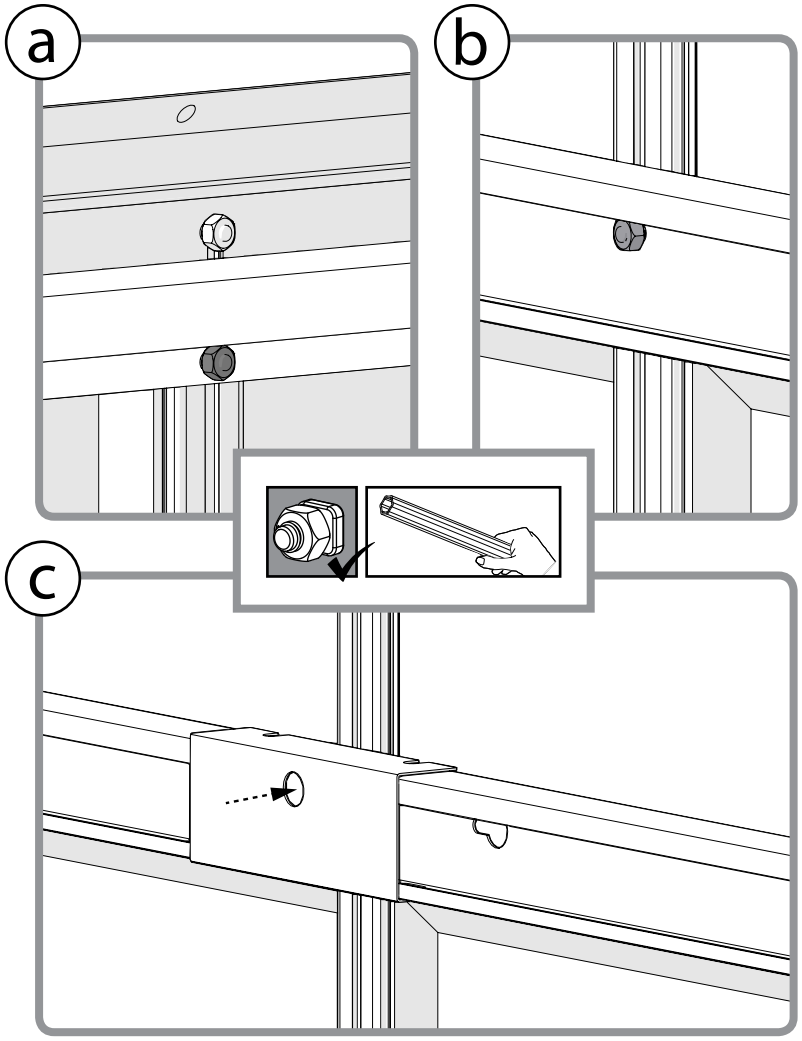
412 4

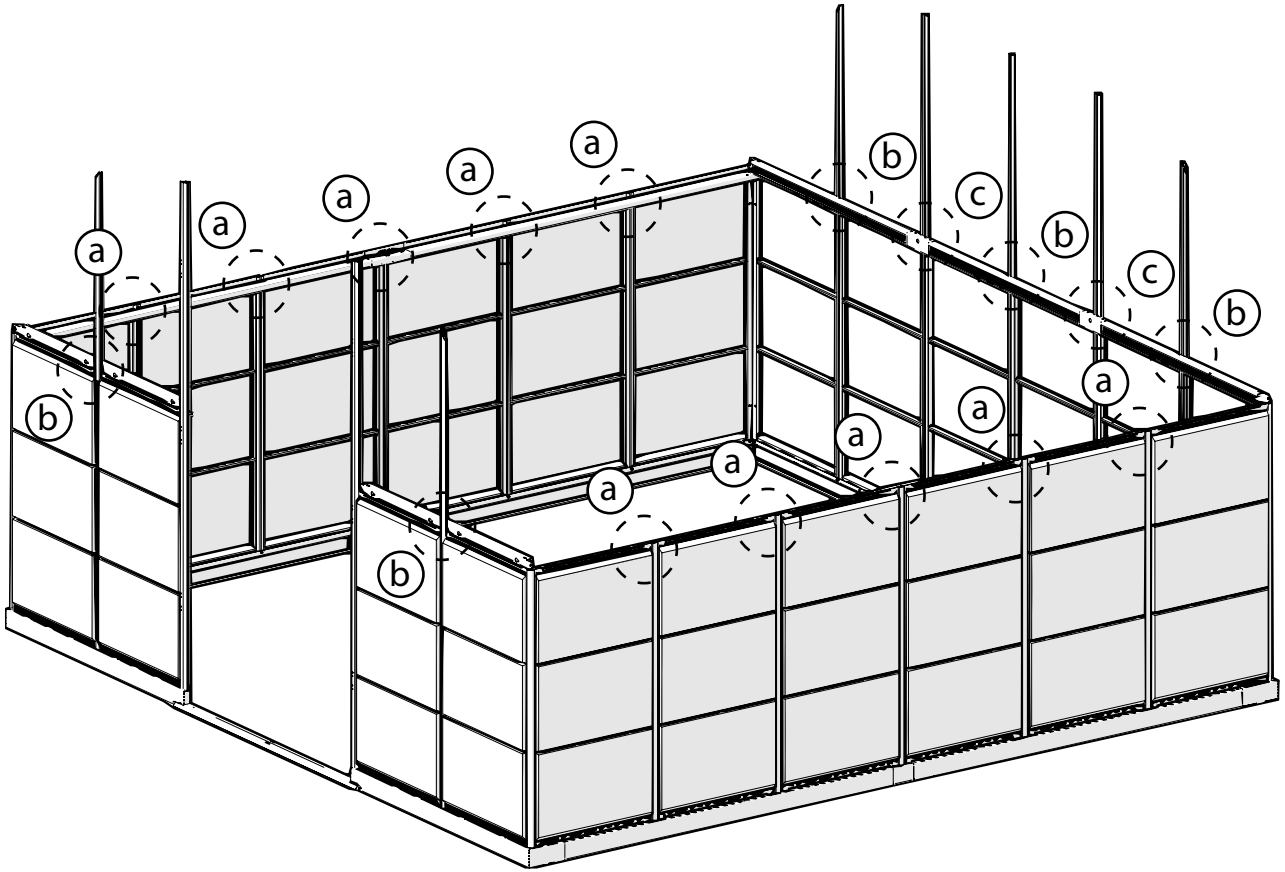
7242 .....  2

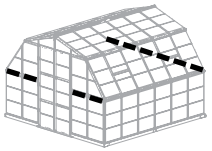
328 .....  44






a
b
c


a
b
c



411 20

412 20

999 10

a

411 + 412

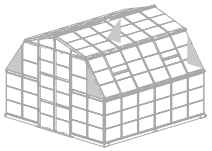
999

x10

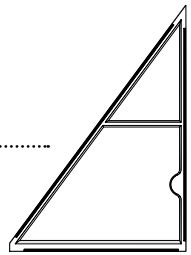
b

999

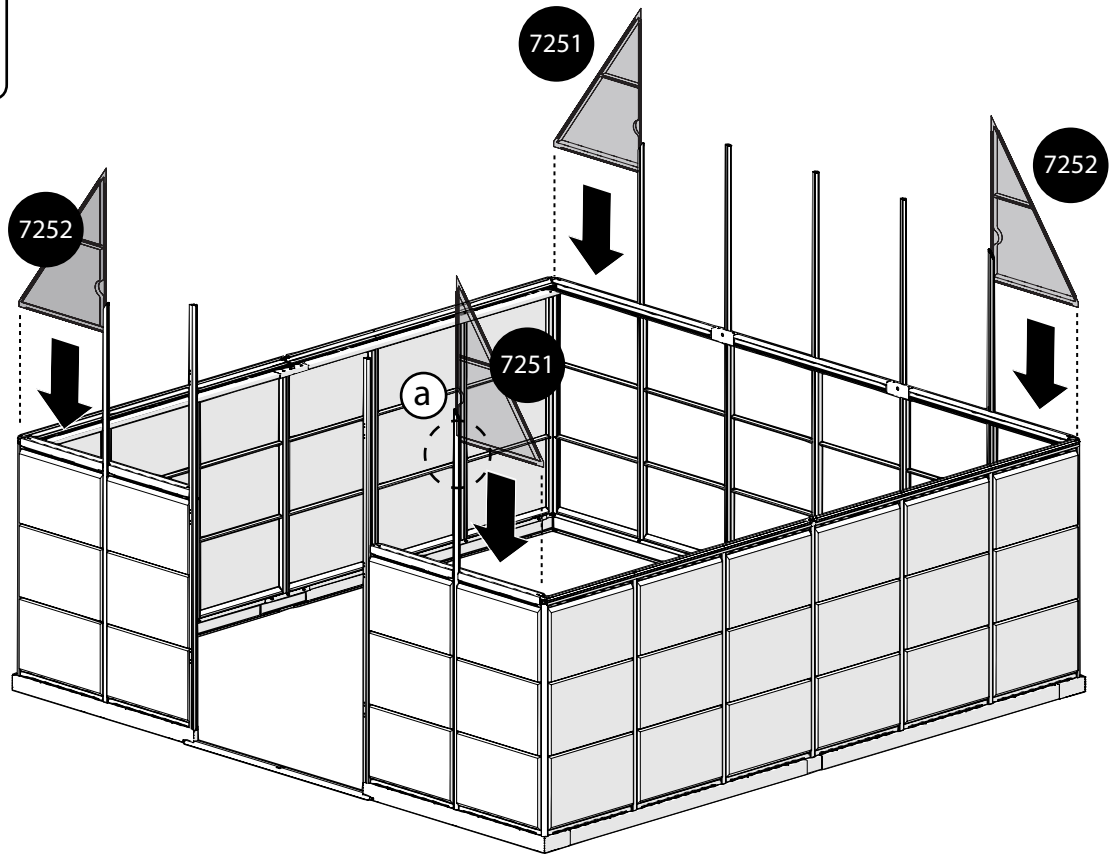
c

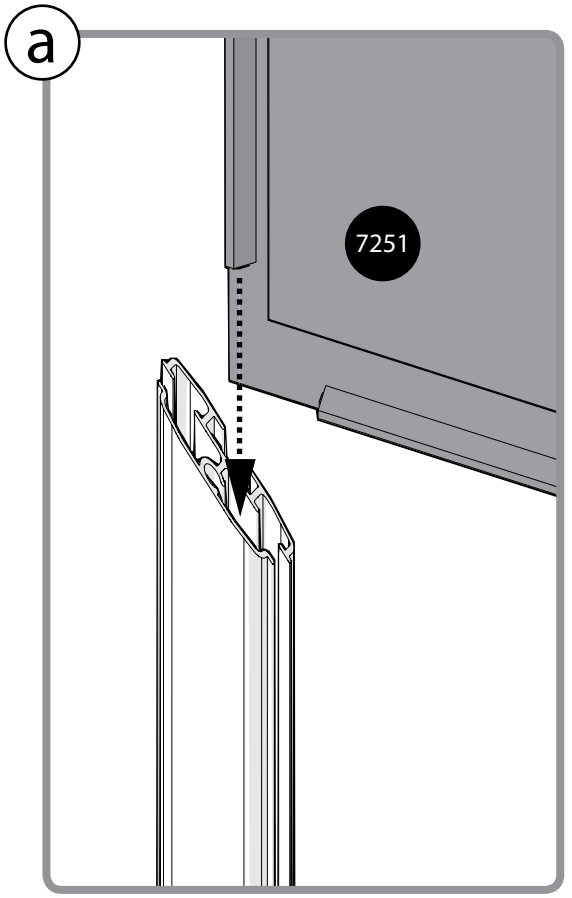


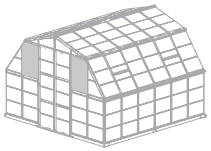
7252 2

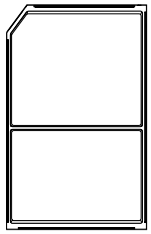


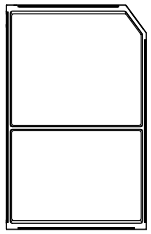
7251 2

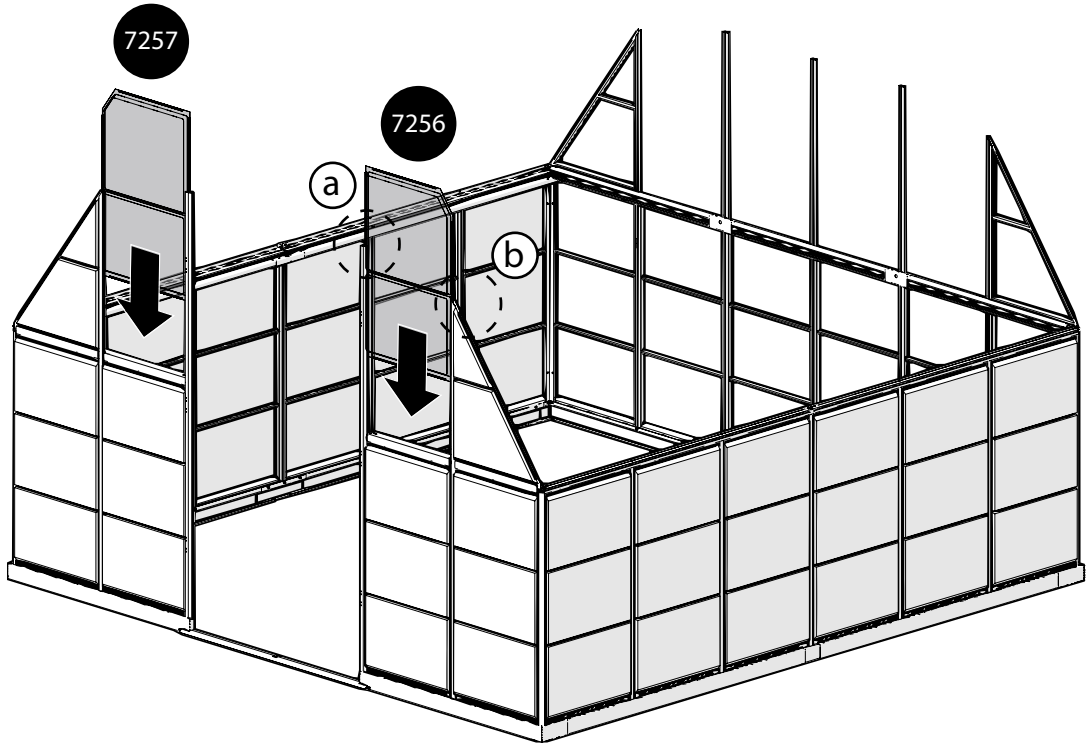




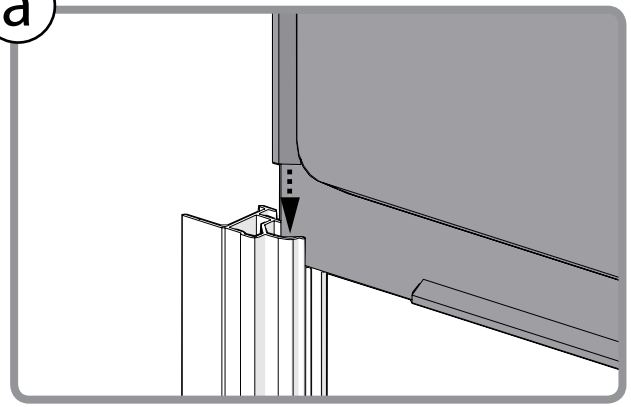


7257 .....  1

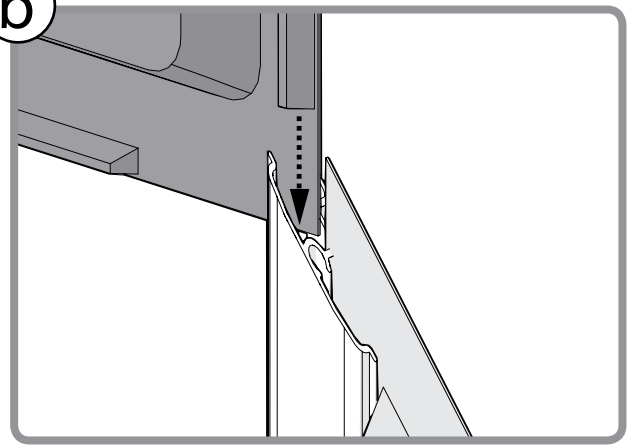
7256 .....  1

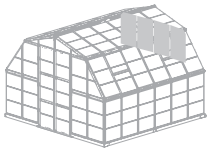


a

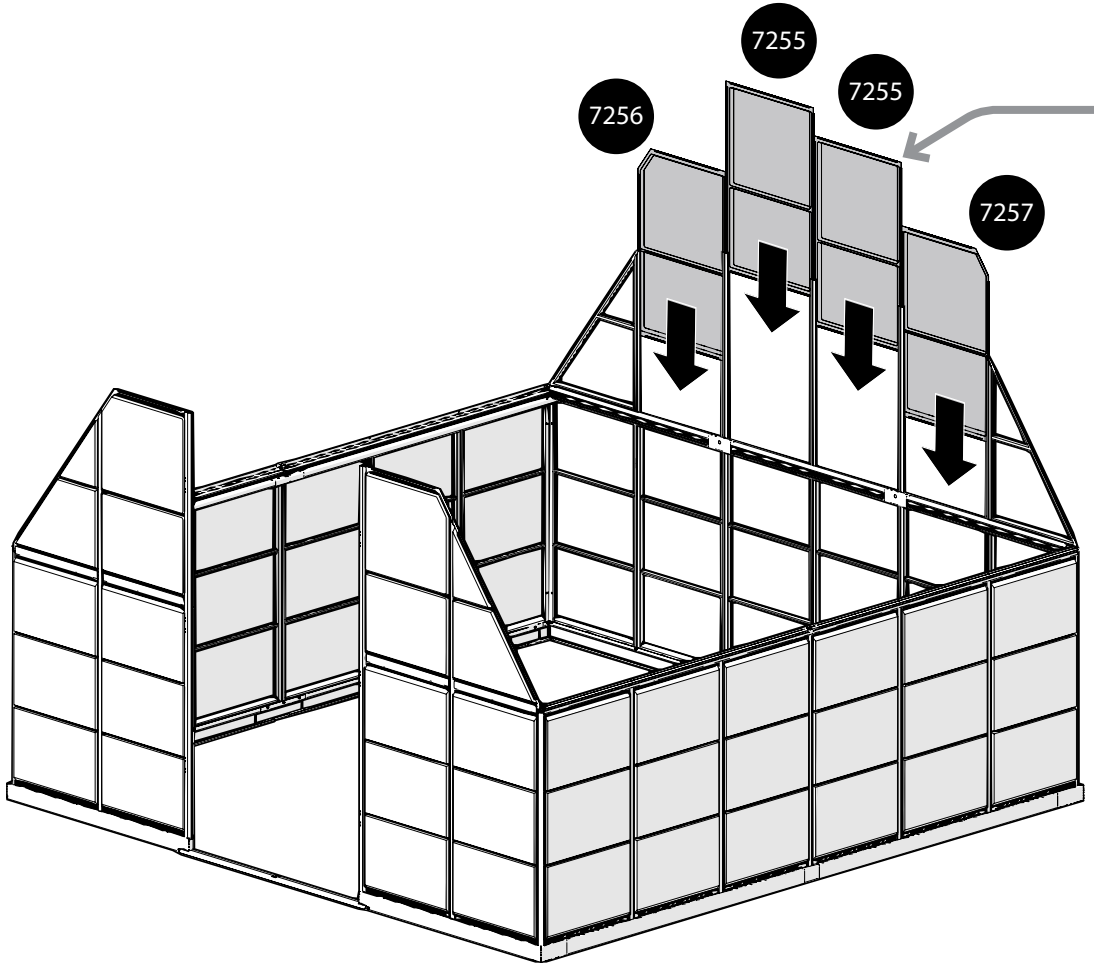


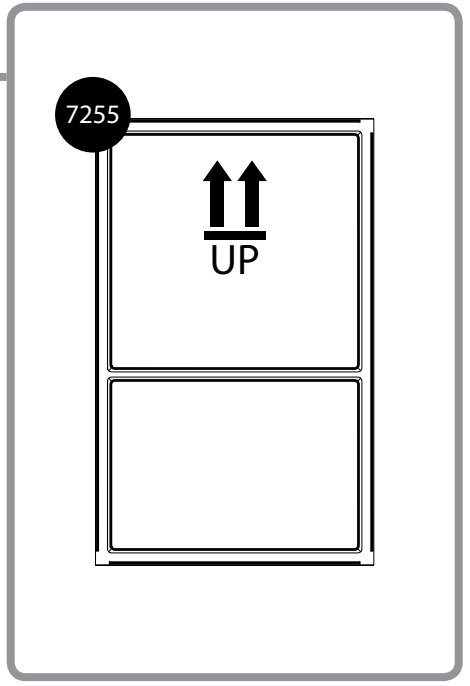
b

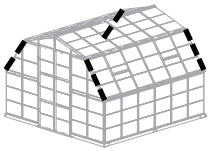


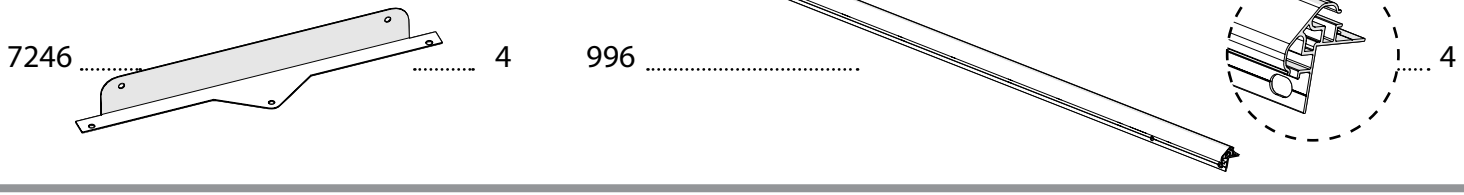


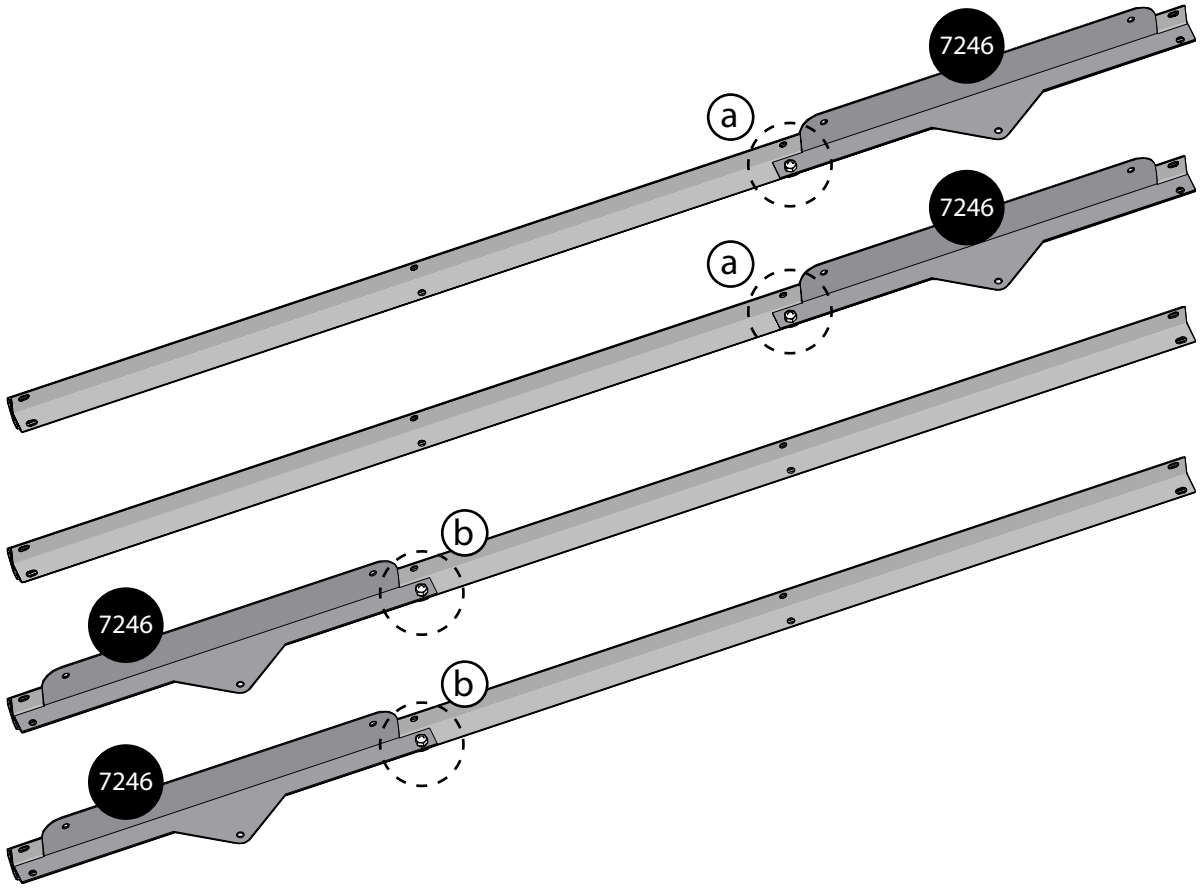
7257 ..... 1 7256 ..... 1 7255 2

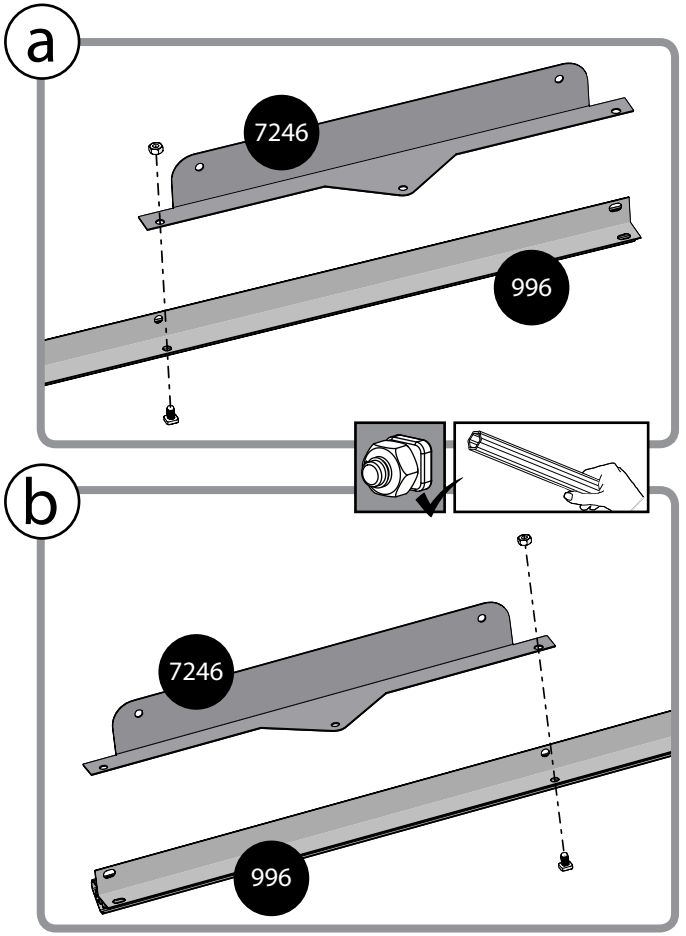


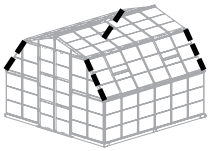


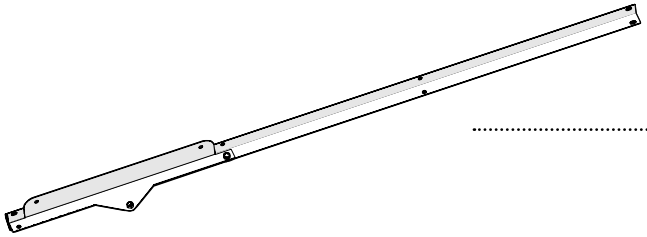



7246 4
996 4
411 4
412 4

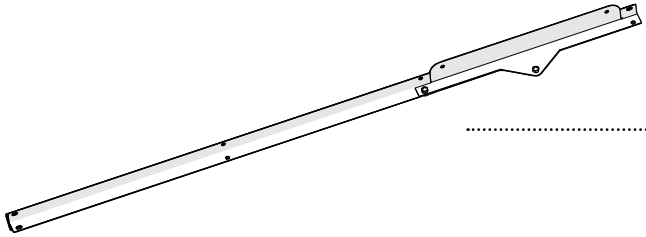

7246
a
7246
a
b
7246
b
7246


a
7246
996
b
7246
996



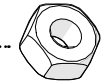


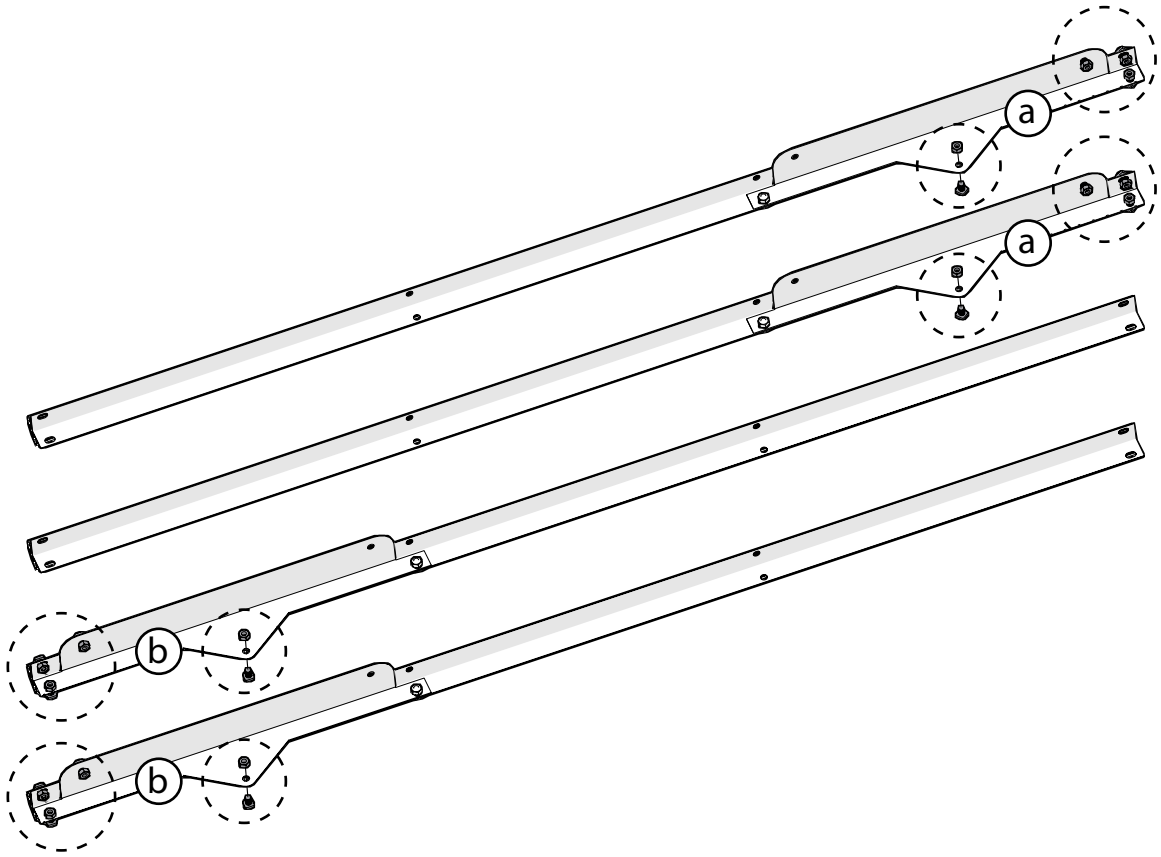
..... 2



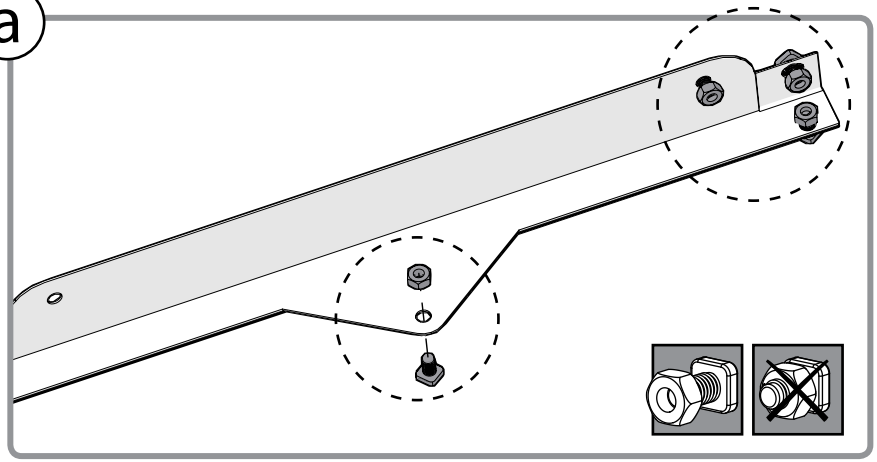
..... 2

411 16

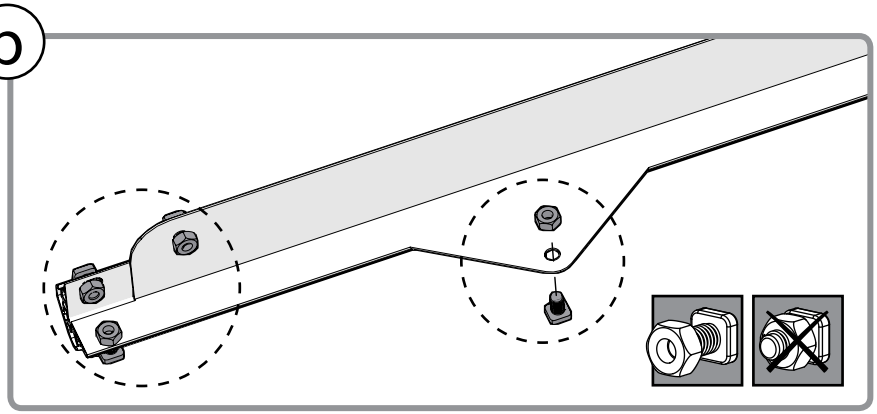
412 .....  16

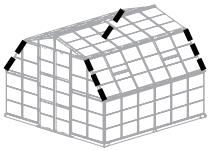


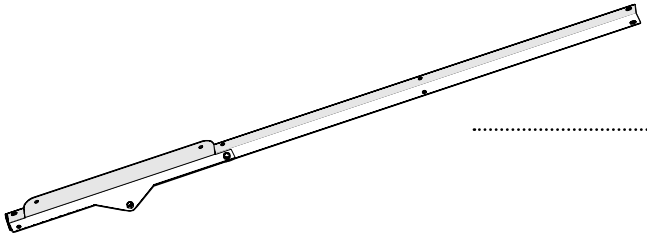
a



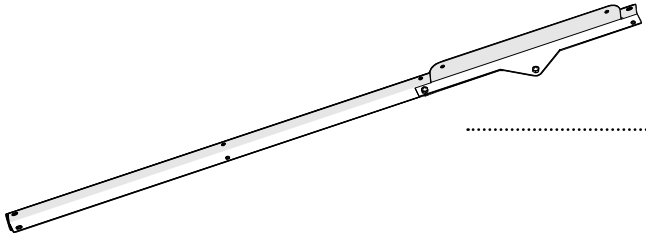
b





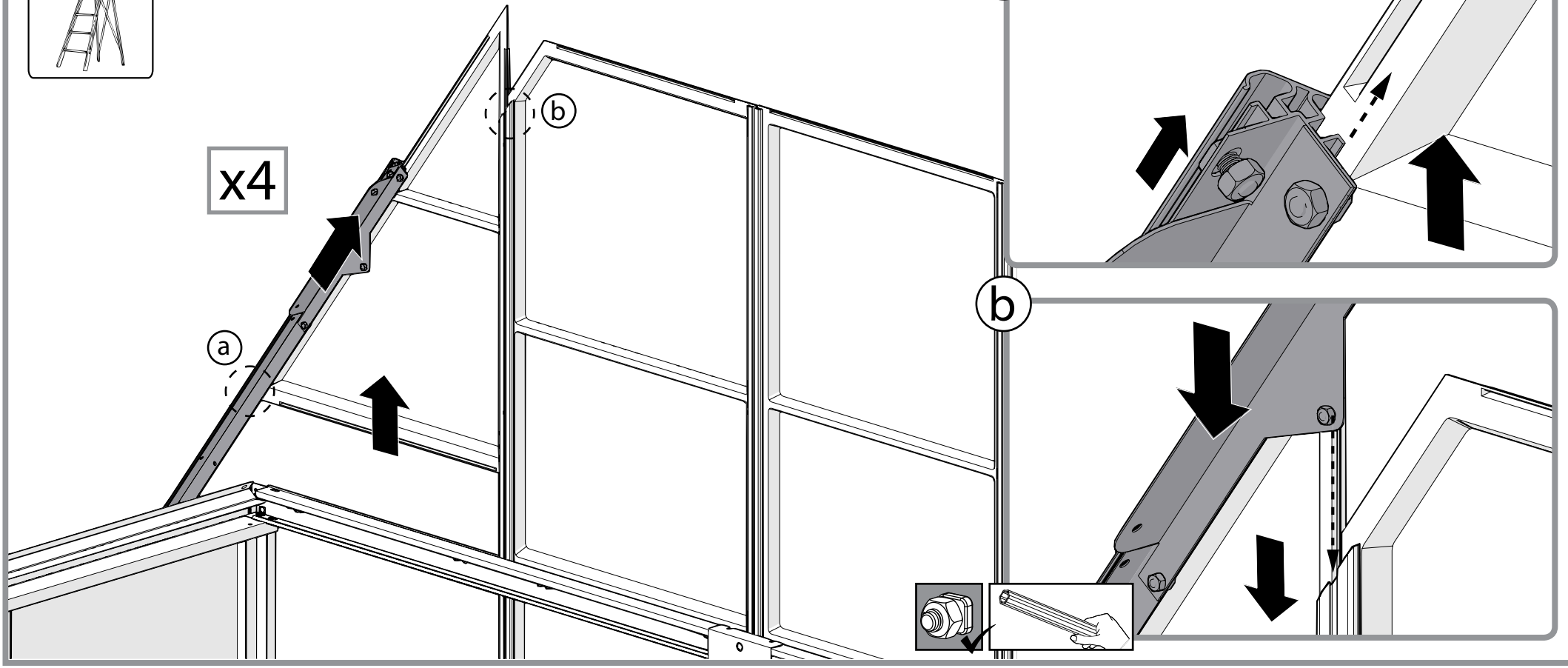


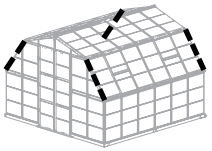
..... 2



..... 2

x4

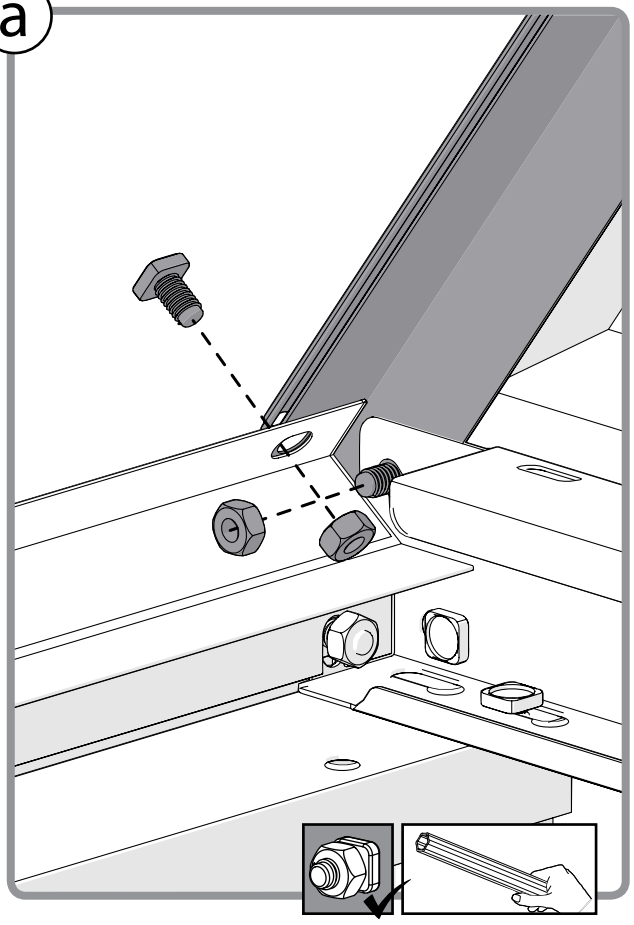


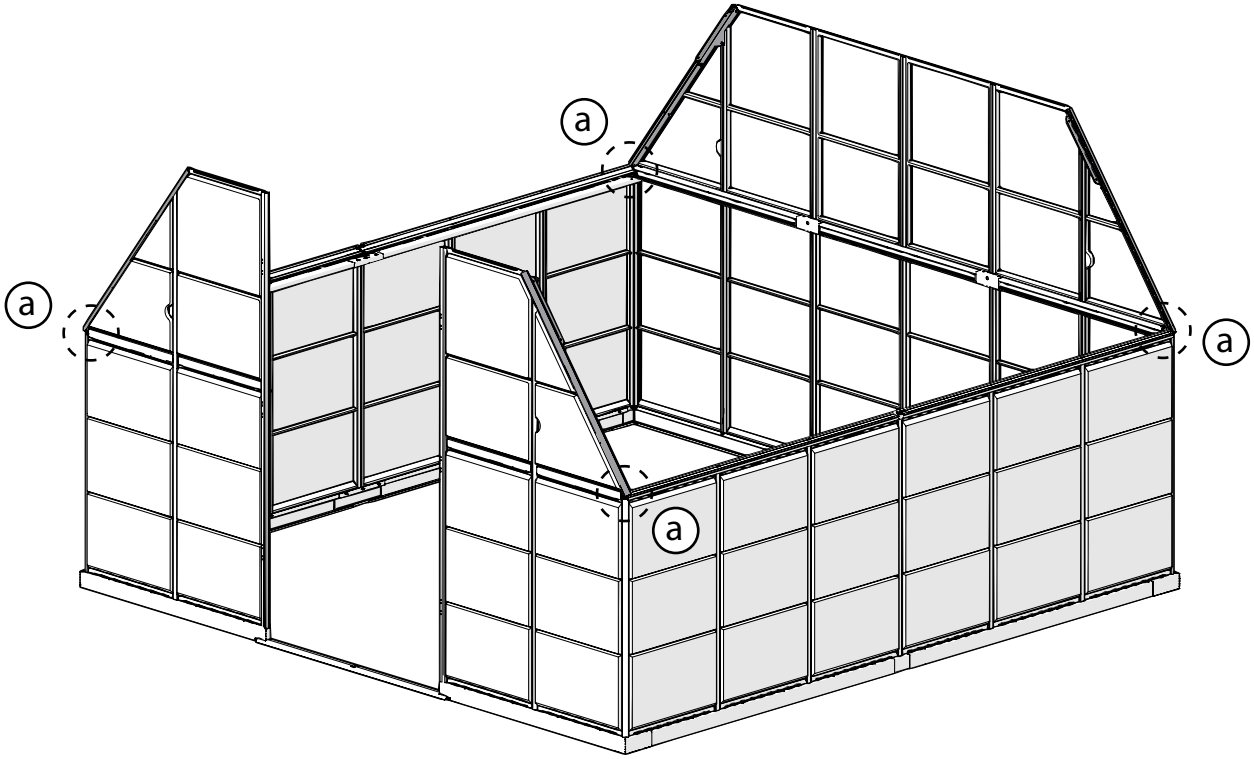


411 8

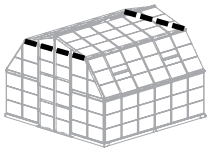
412 8

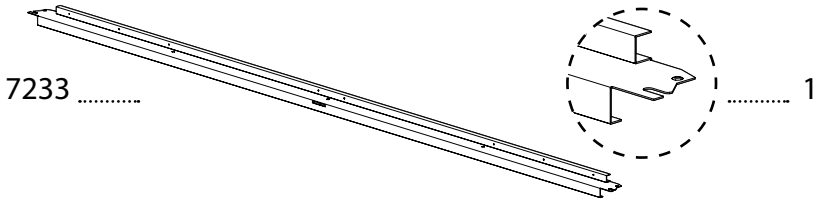
a

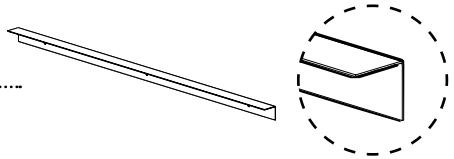


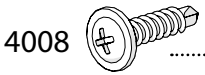


41



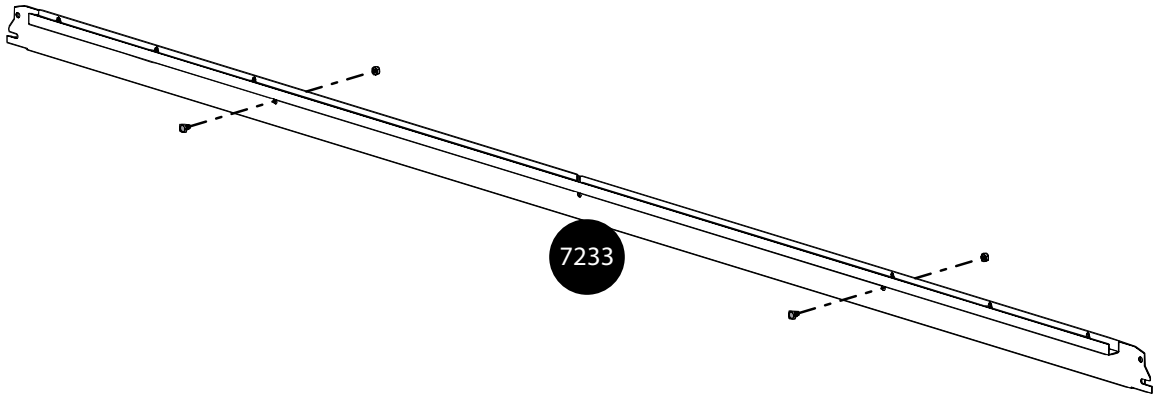

7233 1

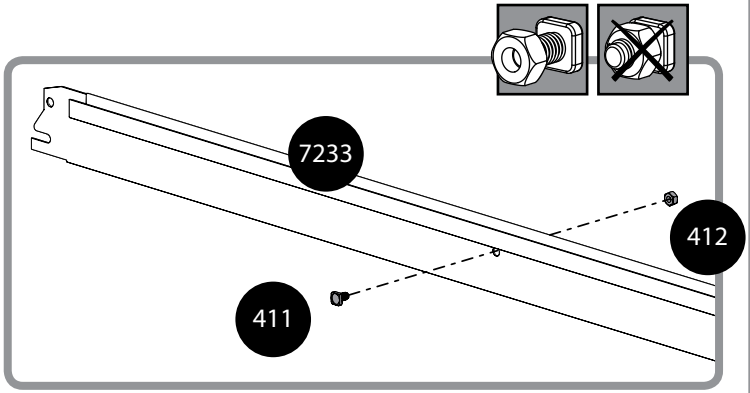

7245 2

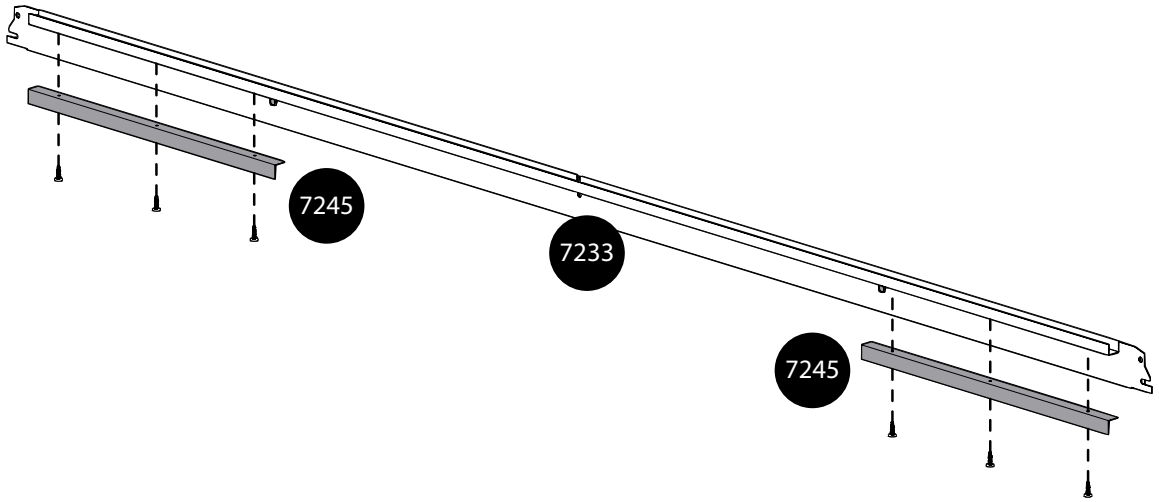

4008 6

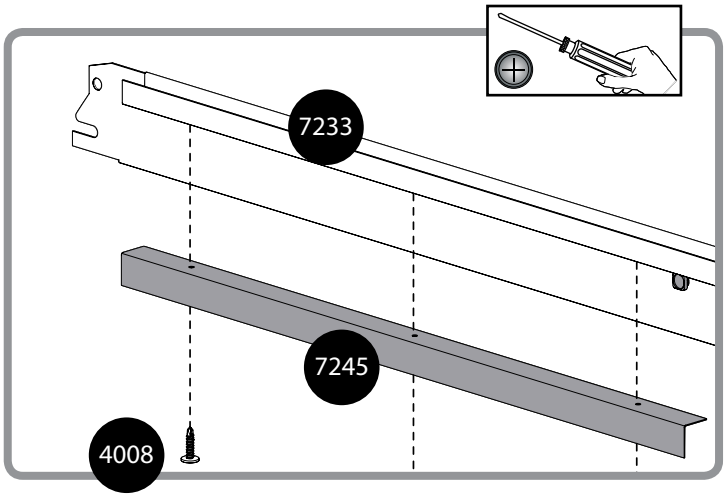
411 2

412 2

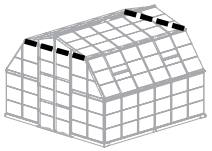

7233

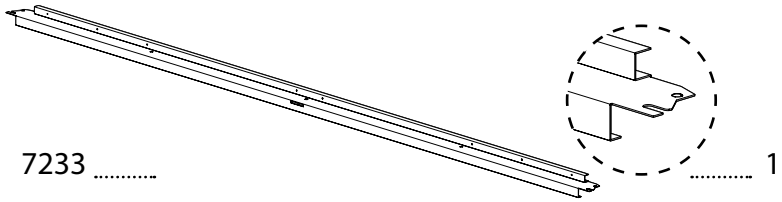

7233
412
411


7245
7233
7245

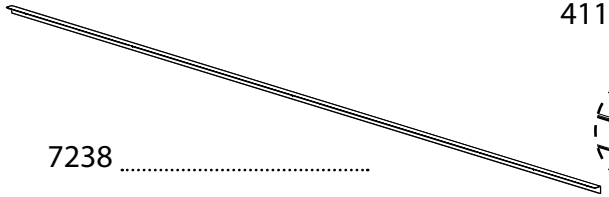

7233
7245
4008

42





7233 1

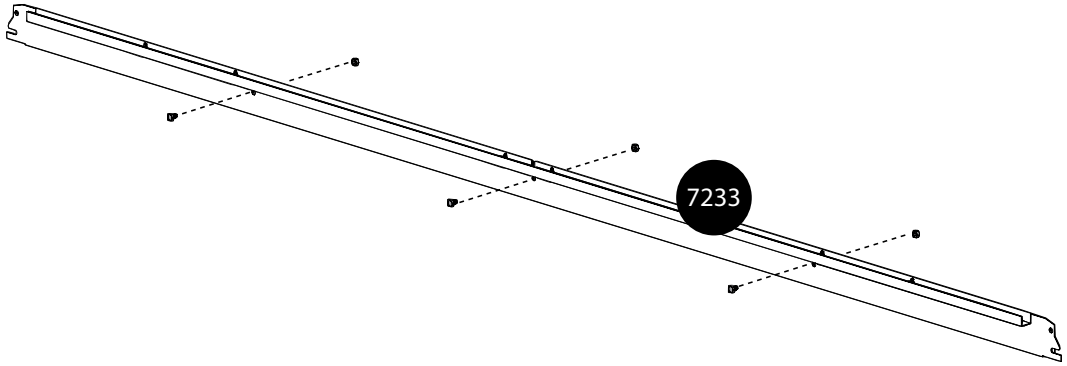


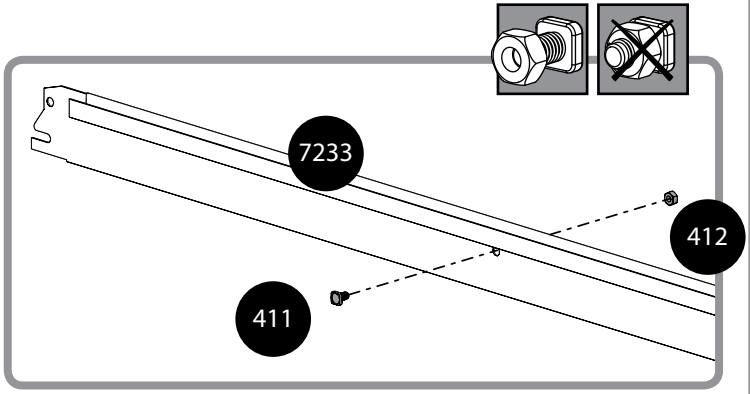
7238 1

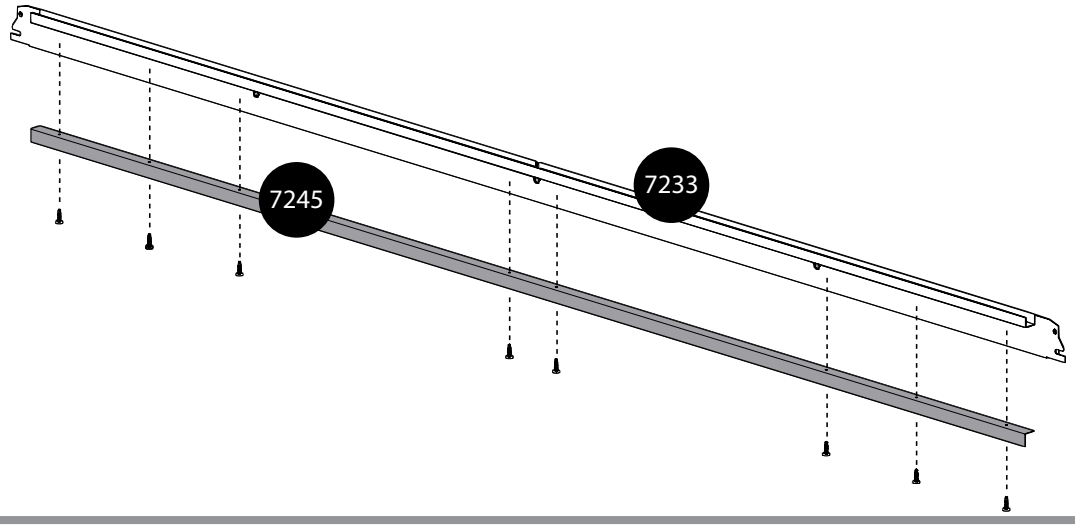
411 3

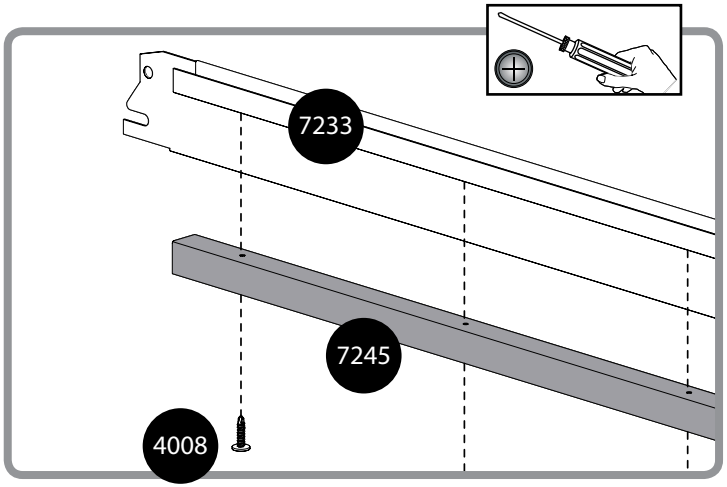
412 3

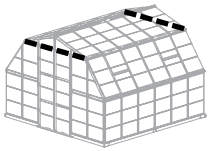
4008 8

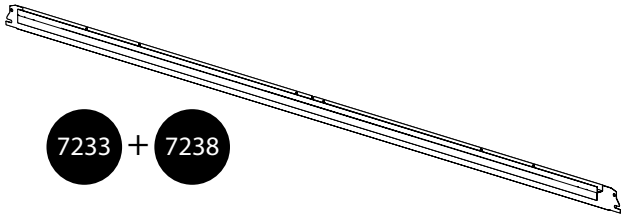


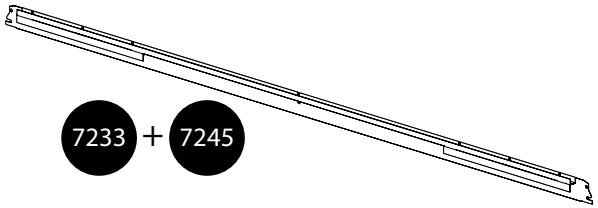


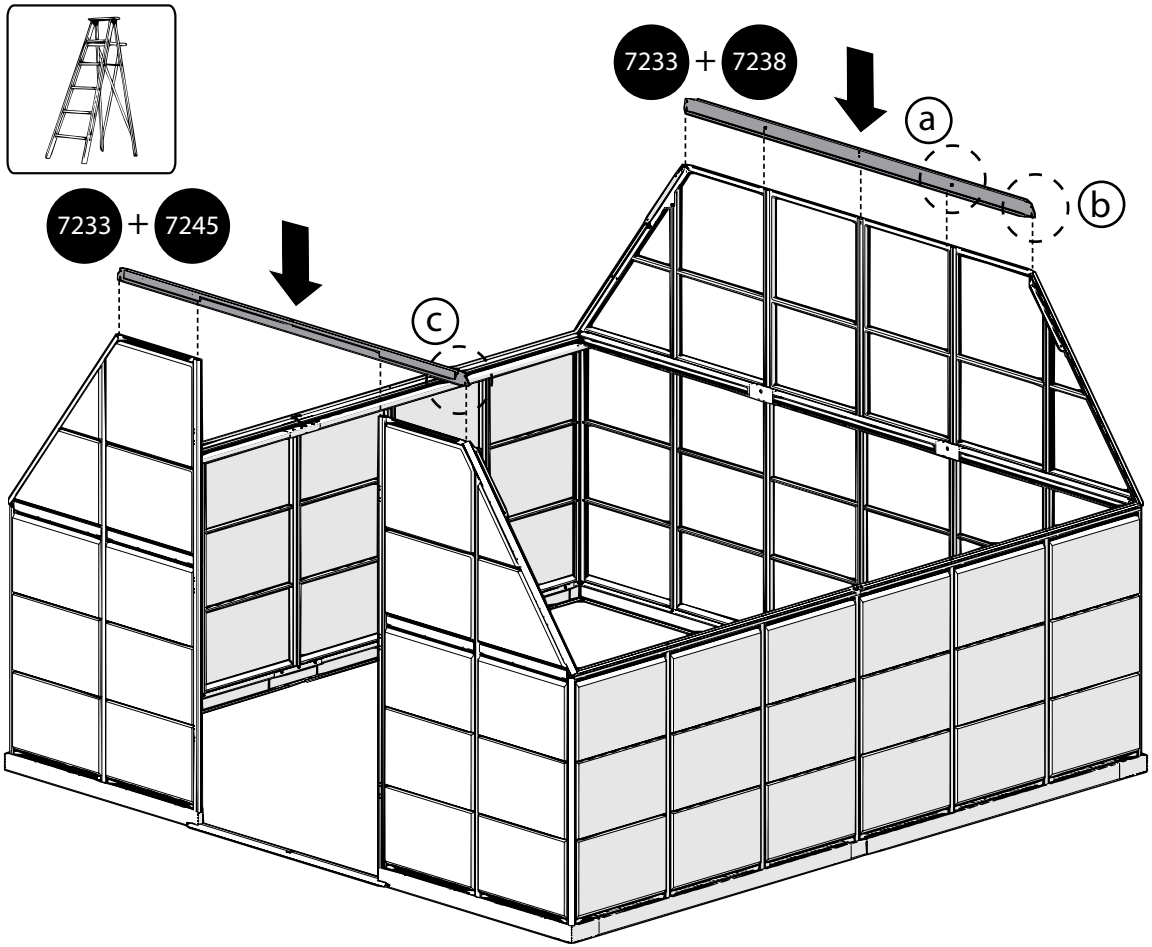


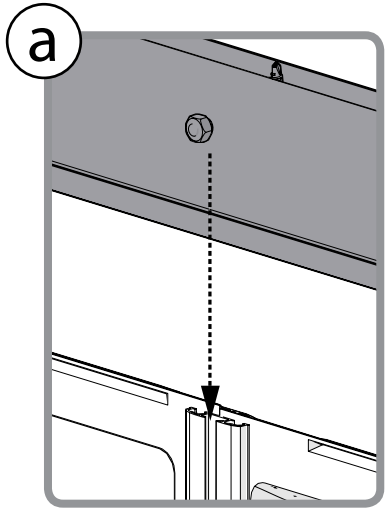


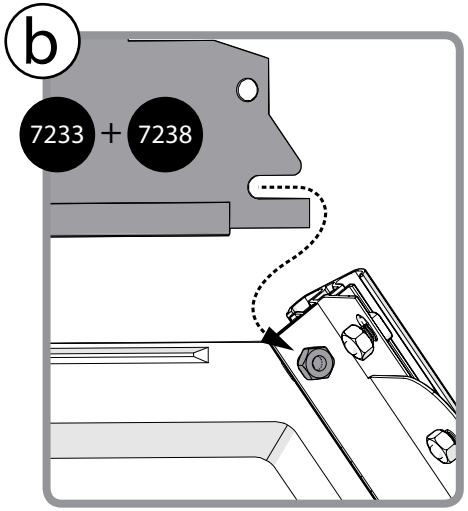


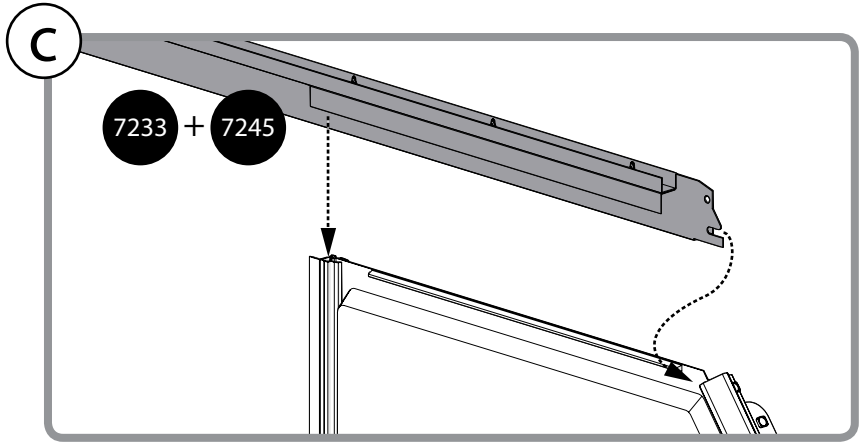

7233 + 7238

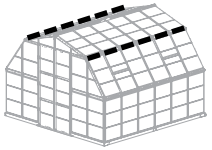

7233 + 7245


7233 + 7238
a
b
7233 + 7245
c

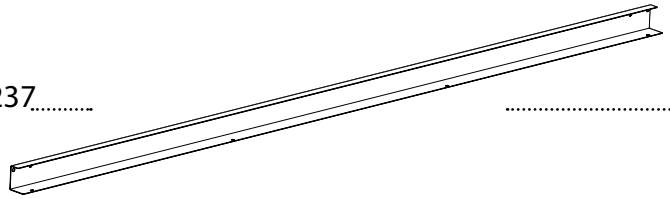

a


b
7233 + 7238

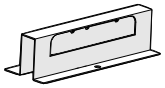

c
7233 + 7245



7237 4



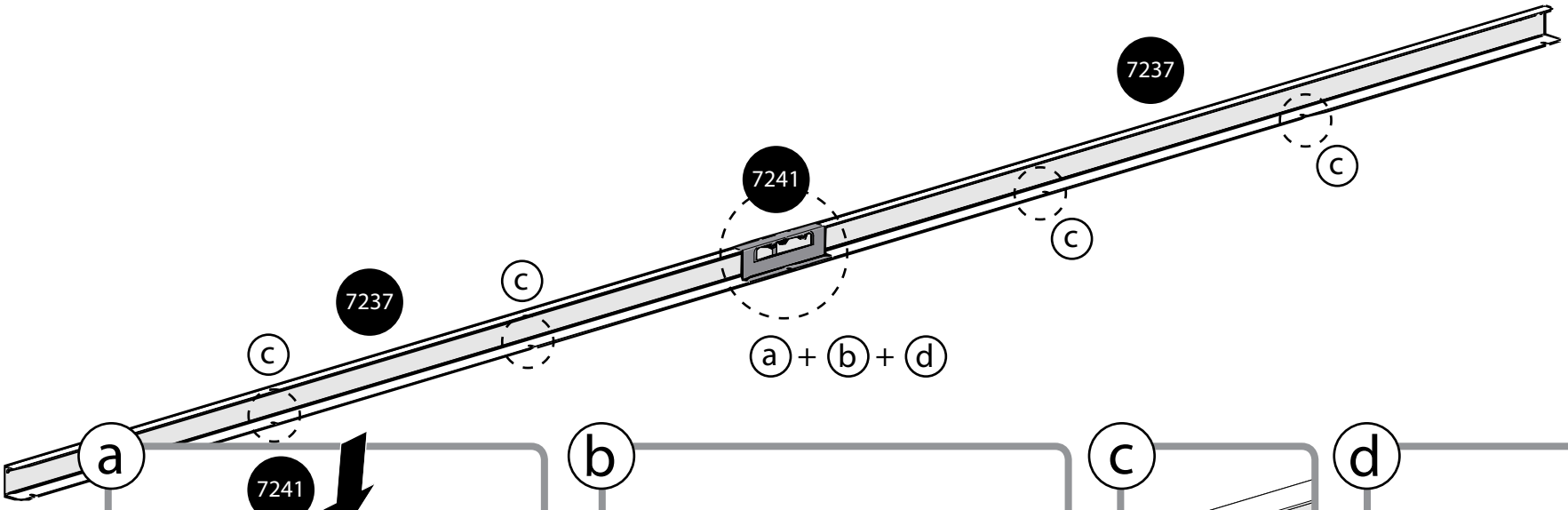
7241 2

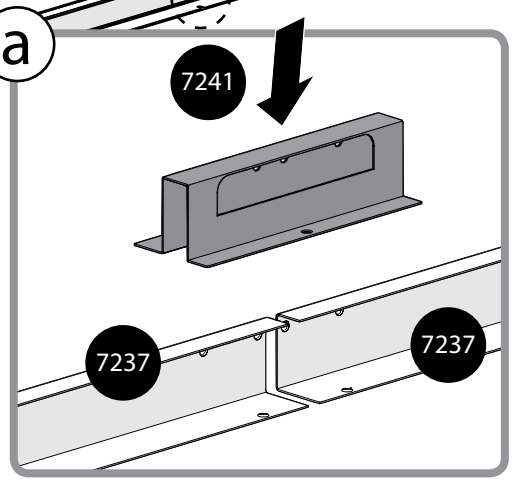


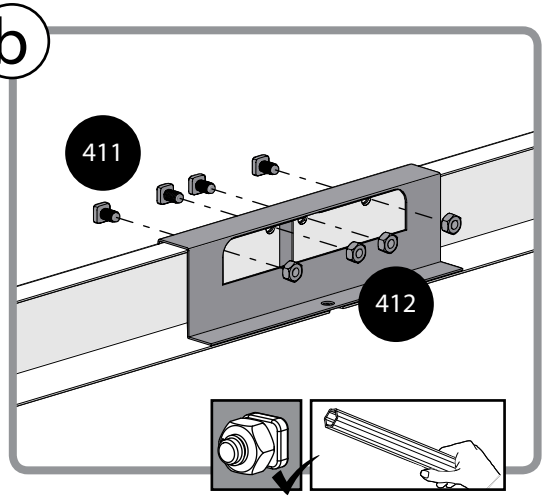
411 18

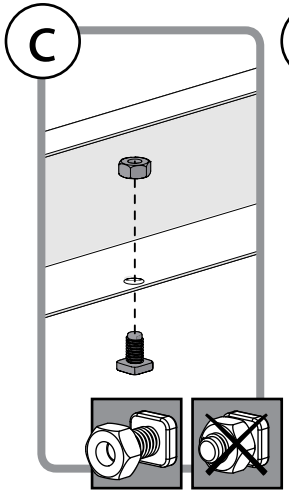
412 18

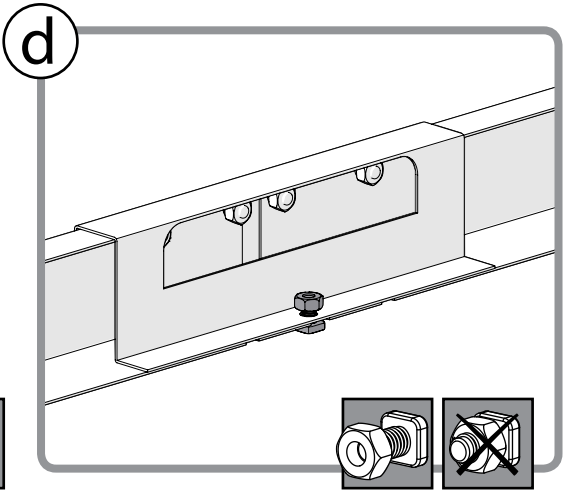
x2



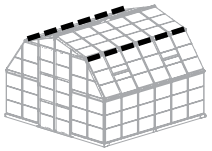








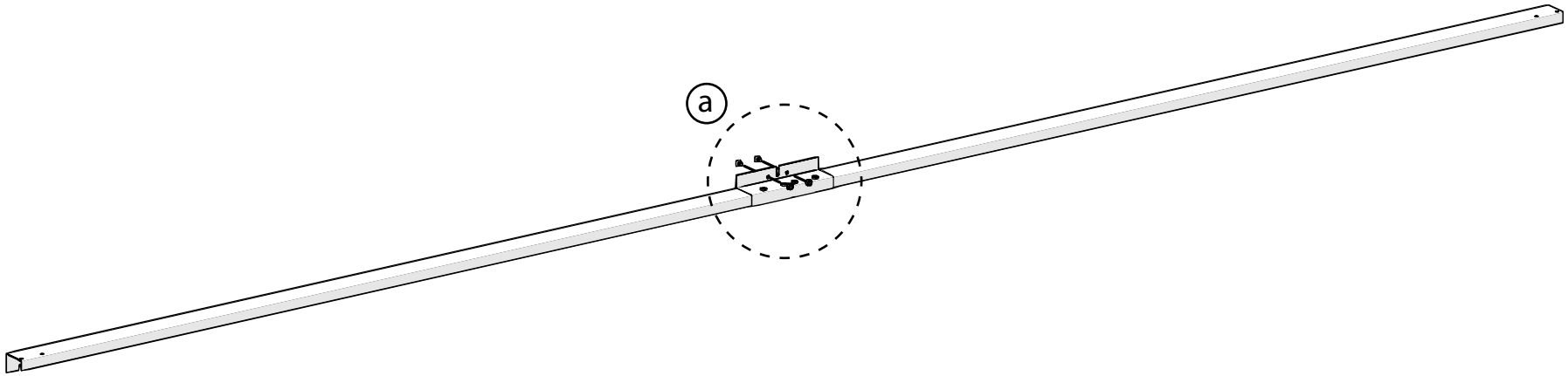
45



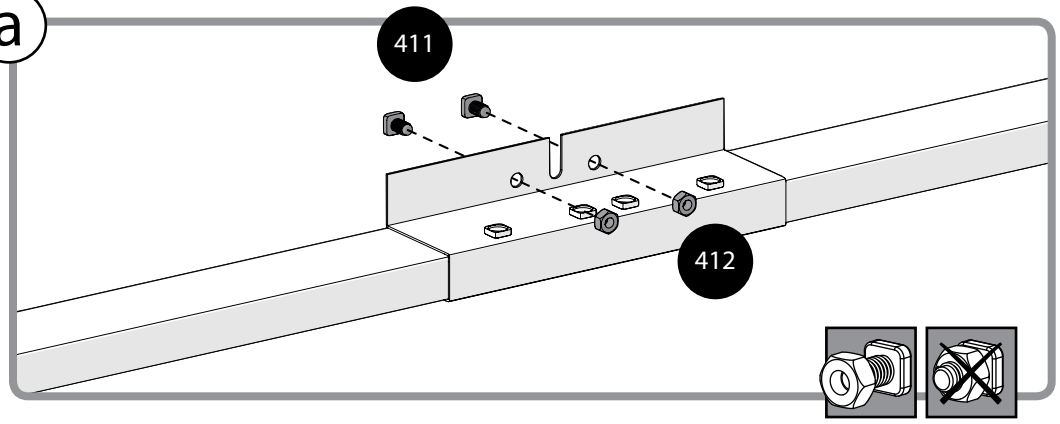
411 4

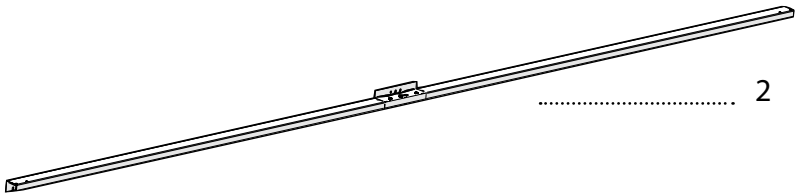
412 4

x2

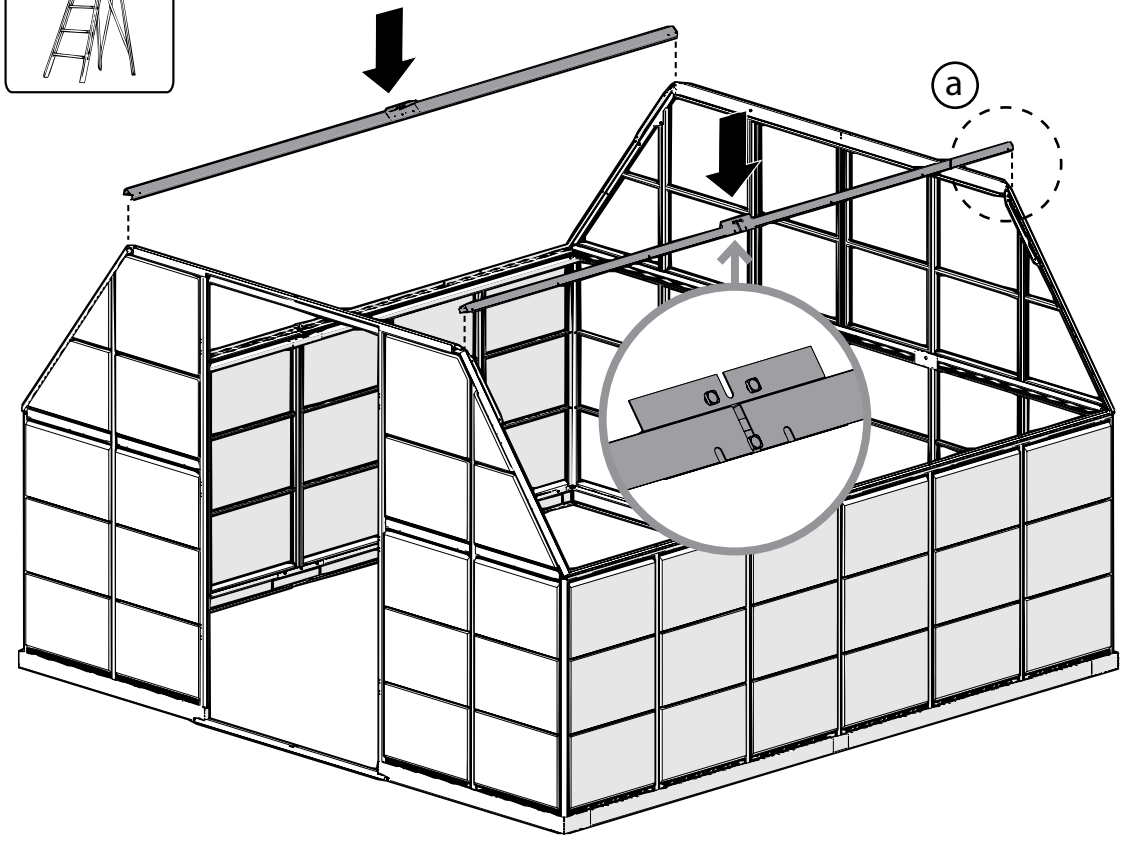


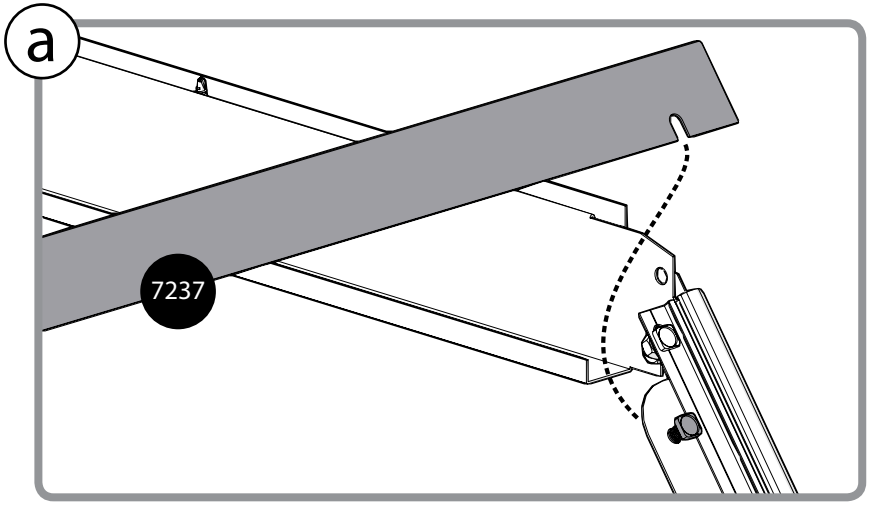
a

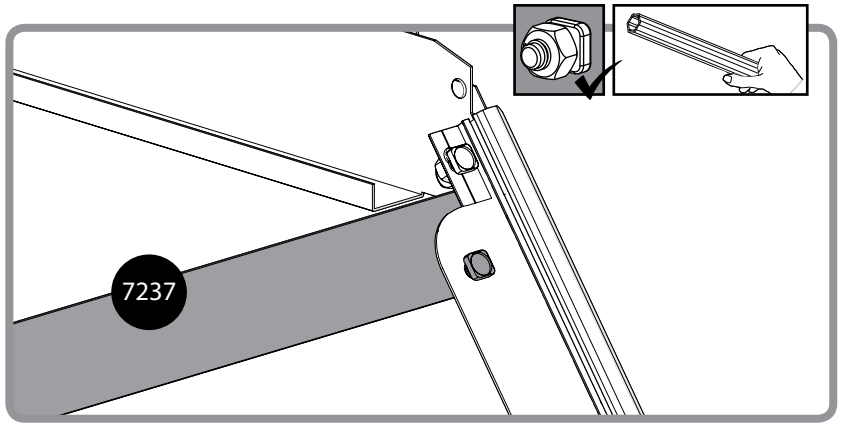


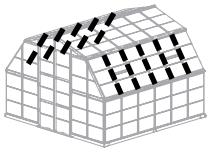


..... 2





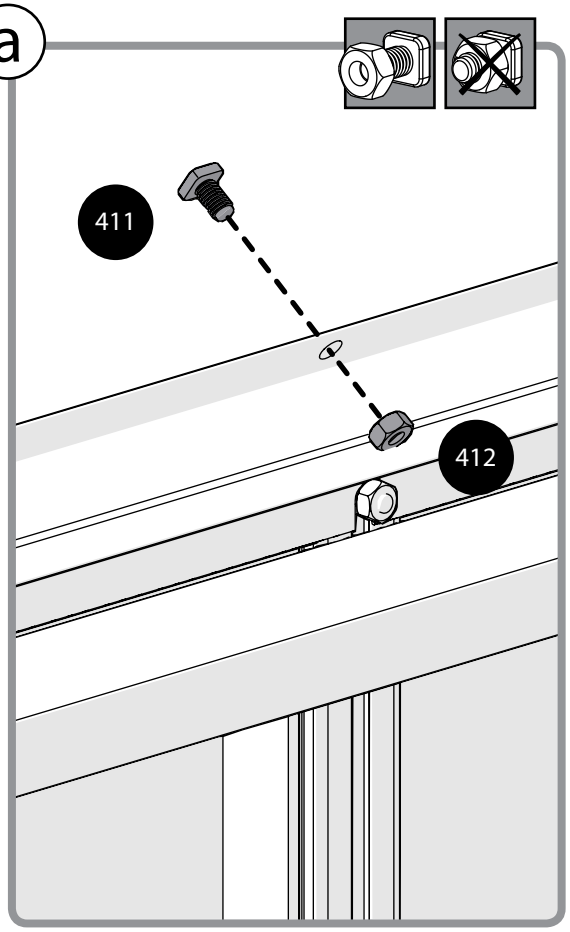


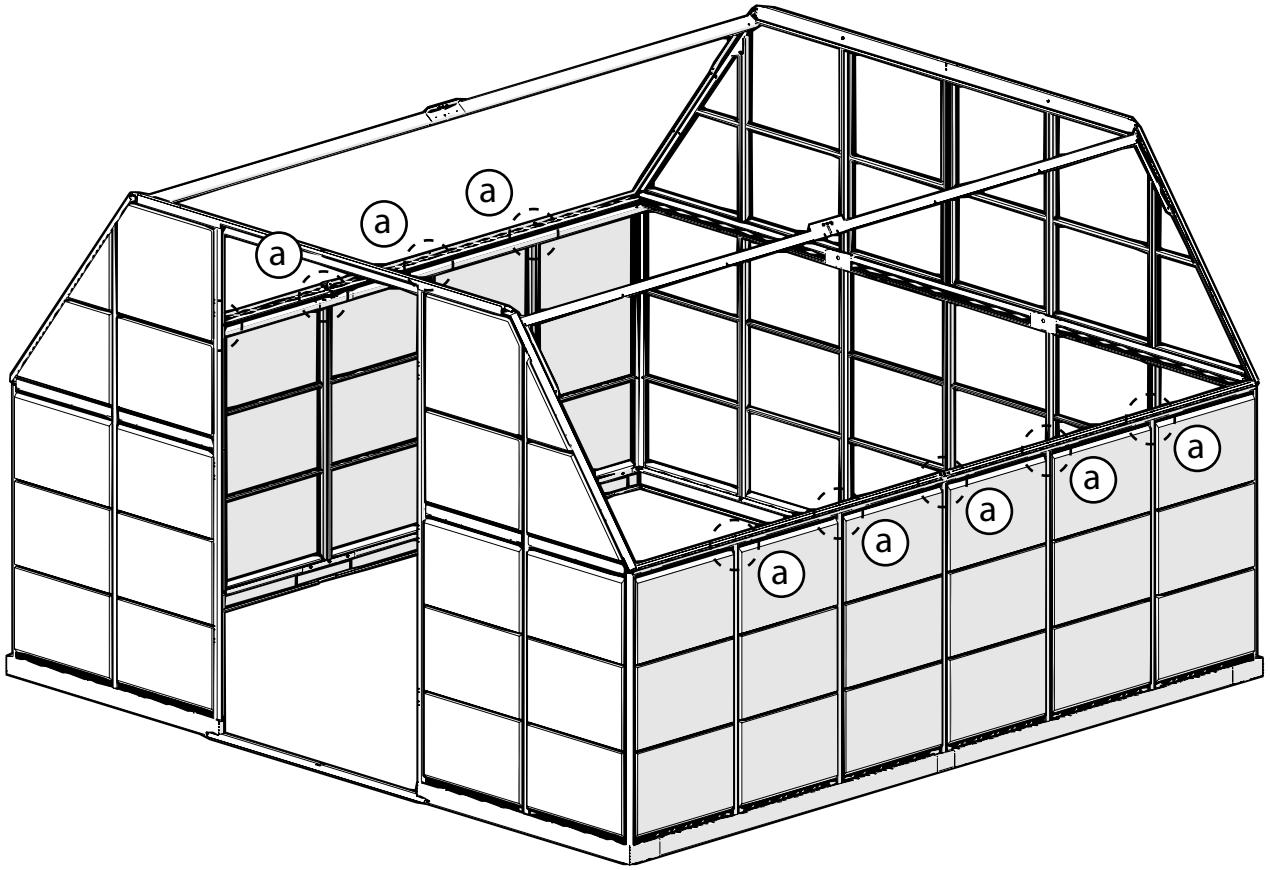


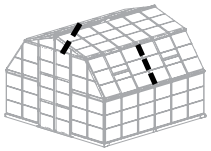
411 10

412 10

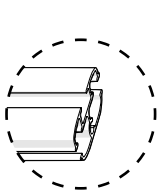
a



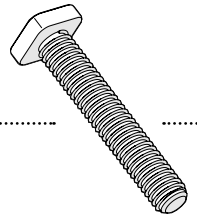




993 2

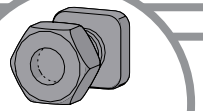


7284 2



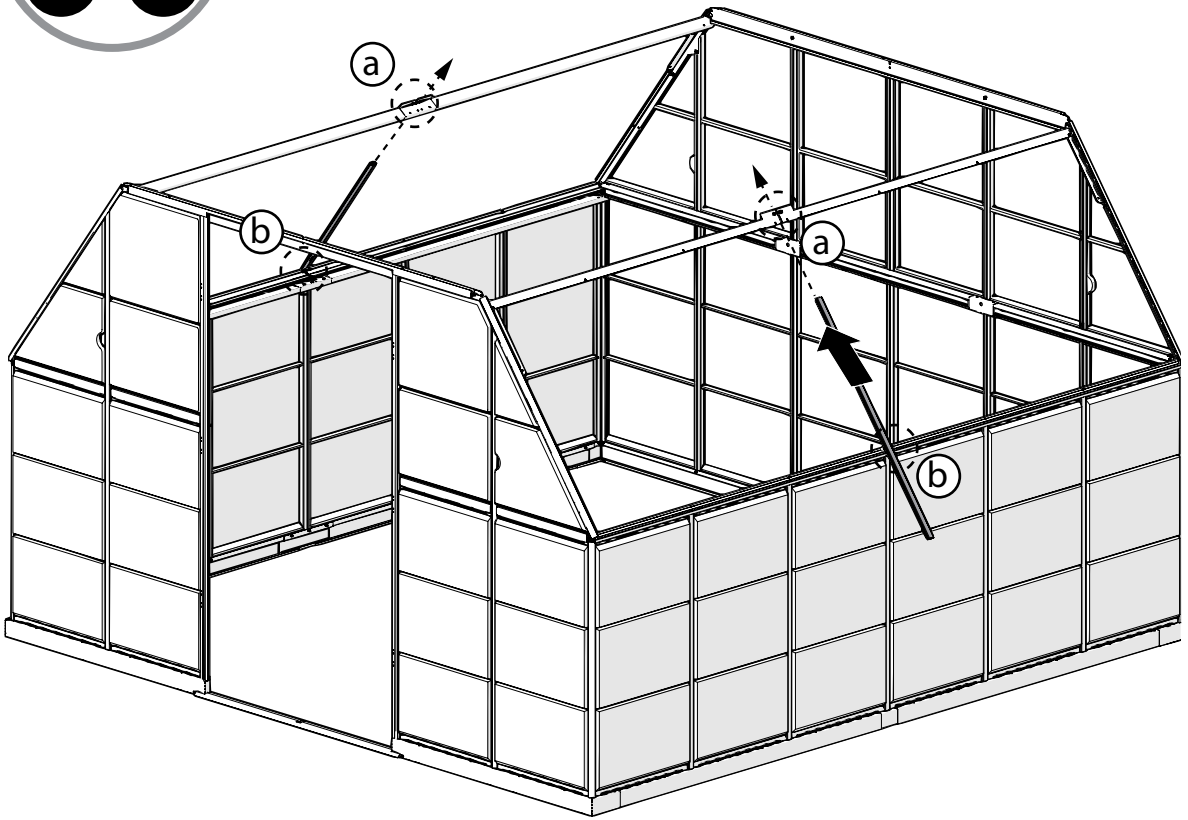
411 4

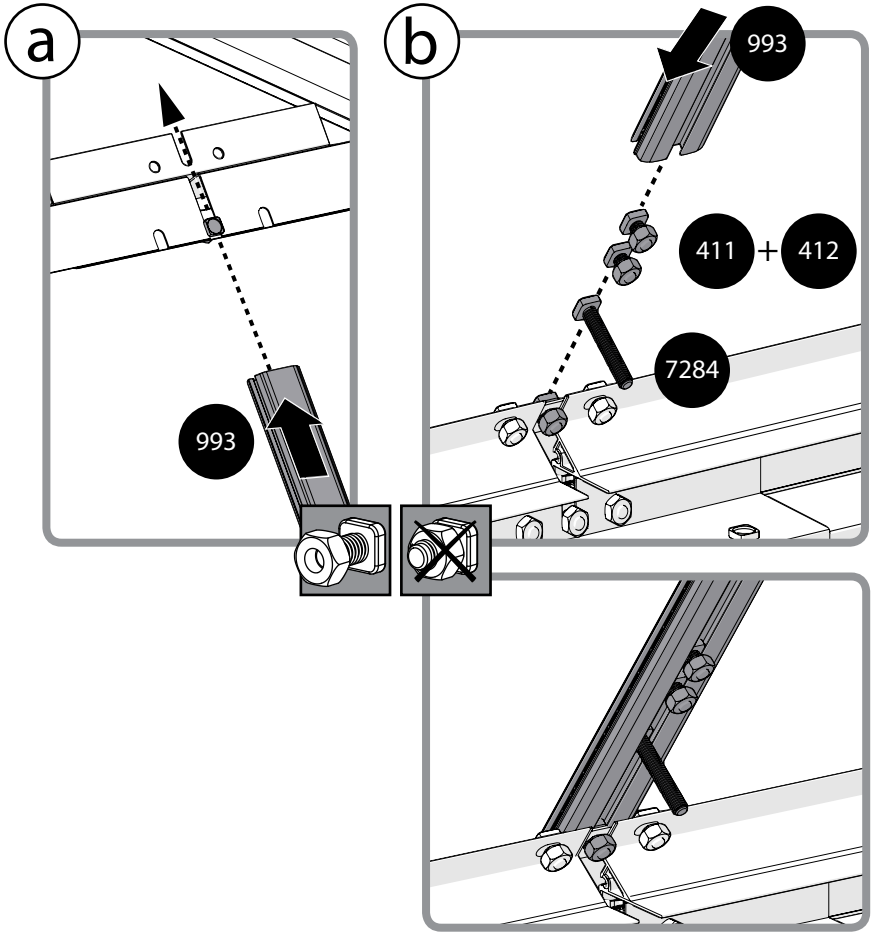
412 4

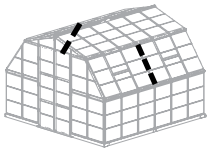


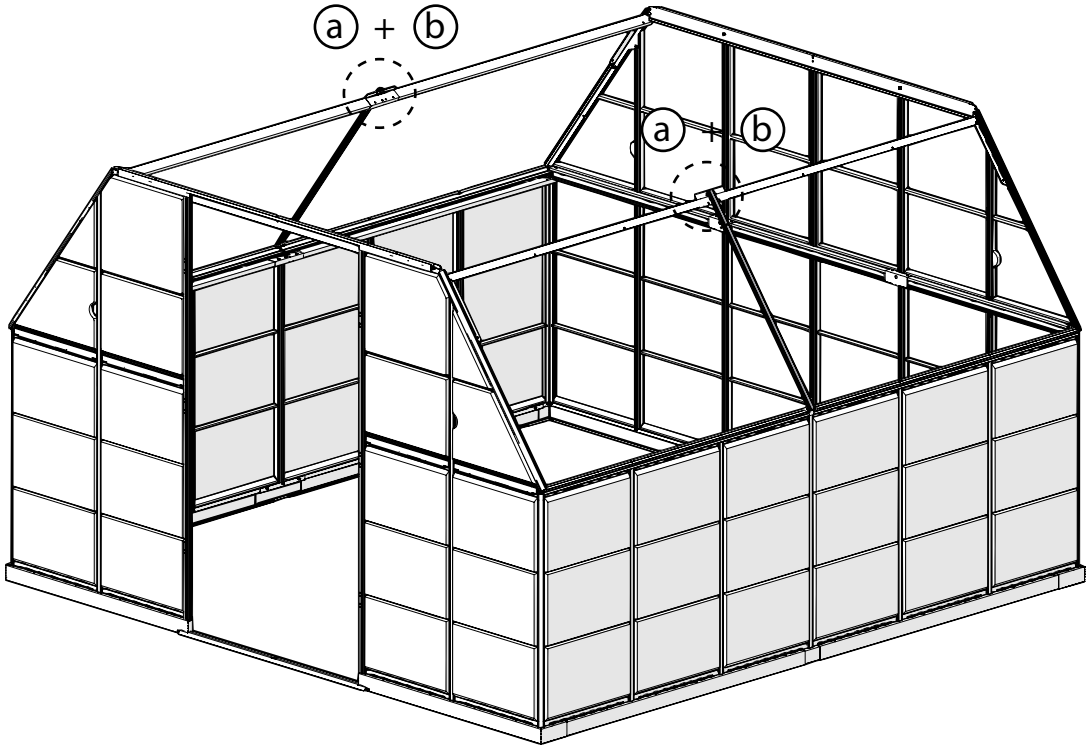
411 + 412

x4

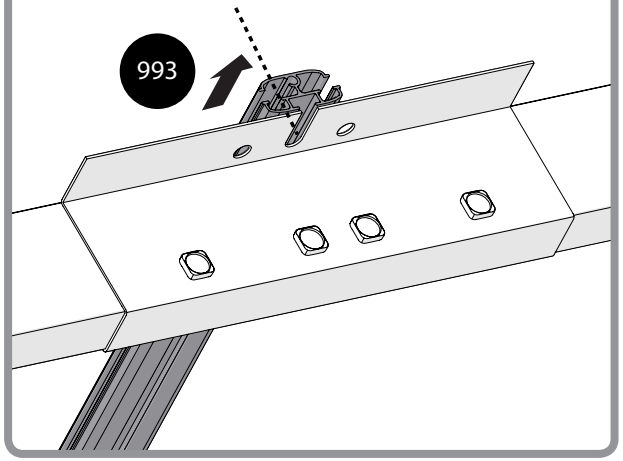




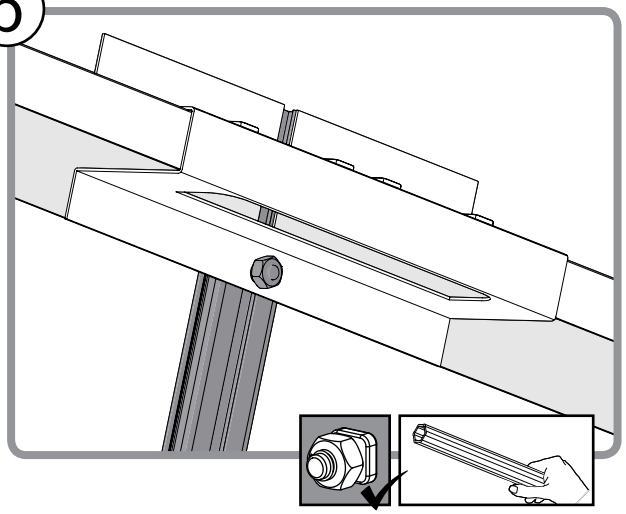


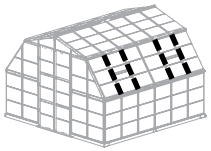


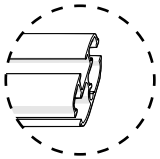
a

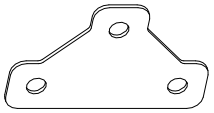


b





993 .....  4

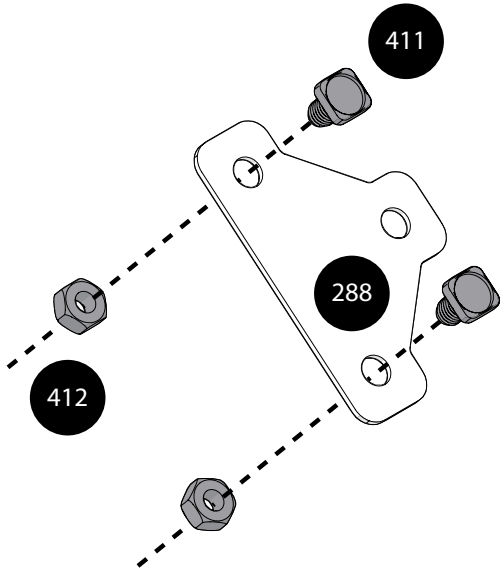
288 .....  4

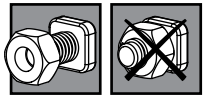
412 8

411 8

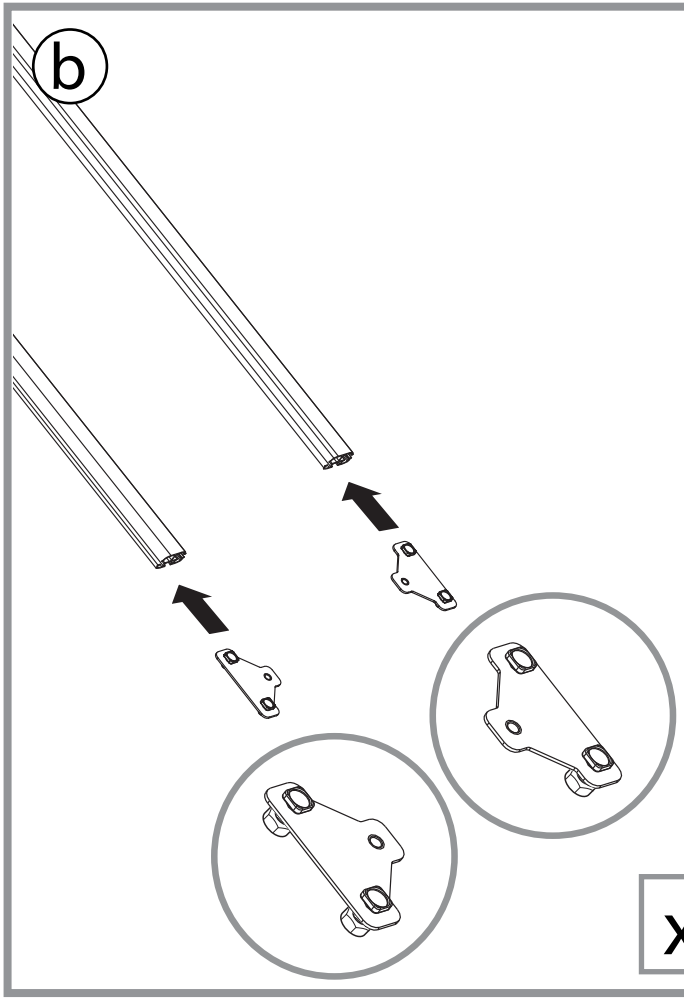
a

x4

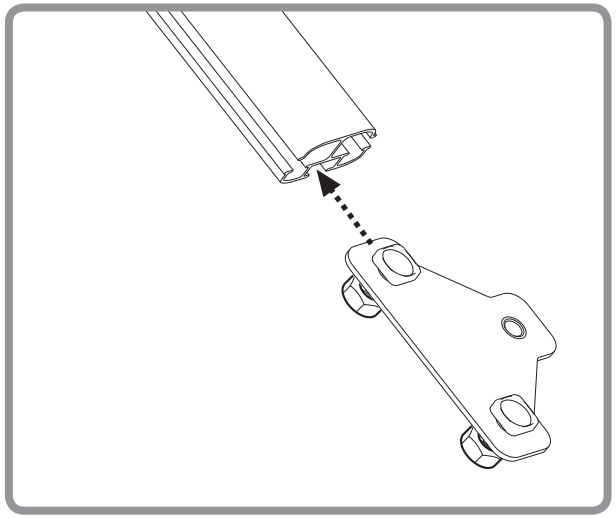


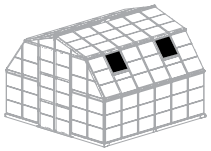


b

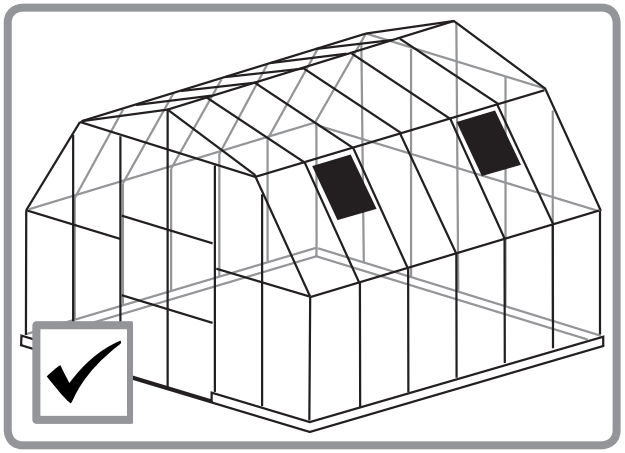


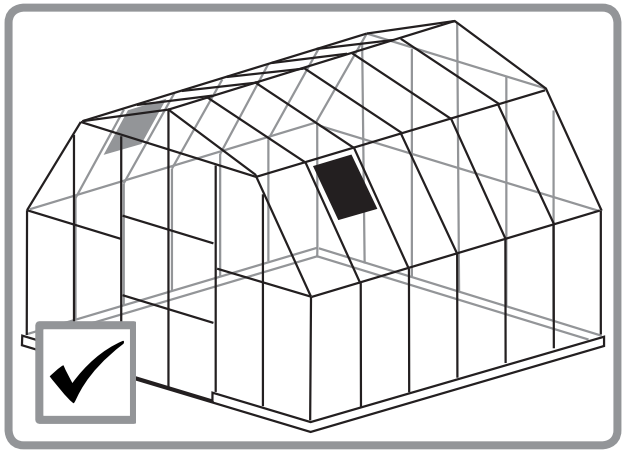
x2

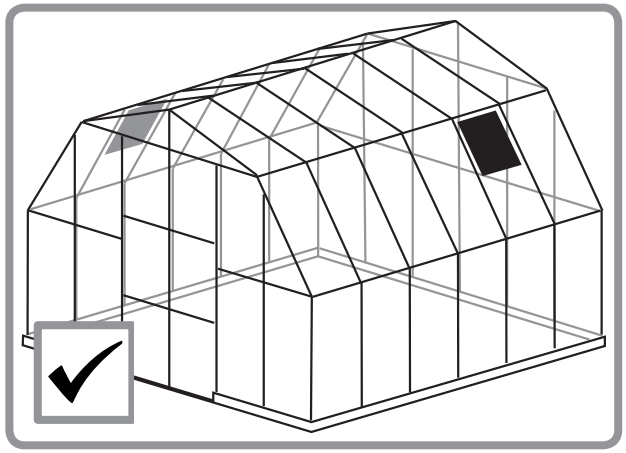


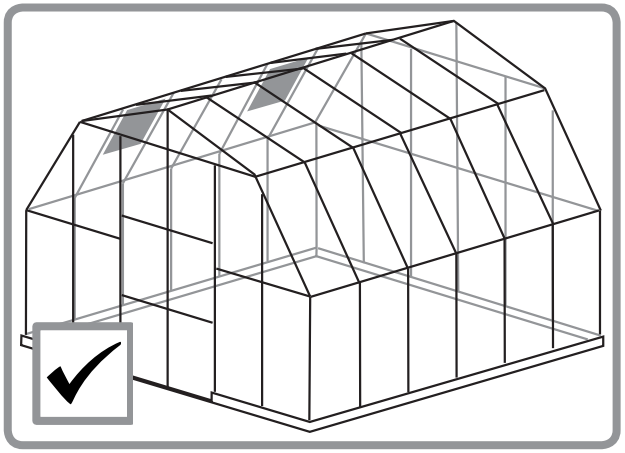


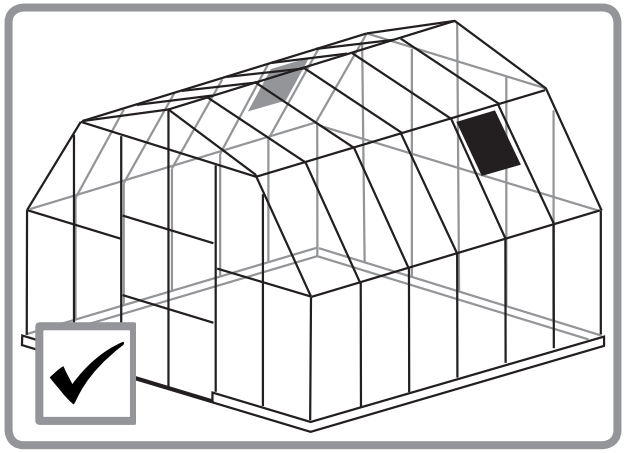
EN Windows Location
GR Fenster Standort
FR Fenêtre Emplacement
SP Ventana Ubicación

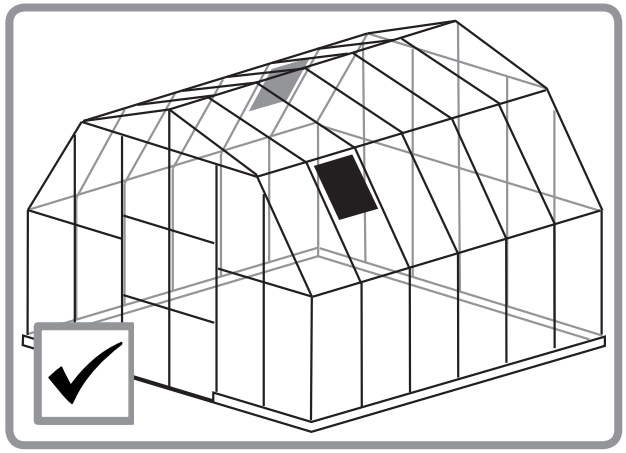


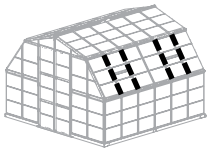


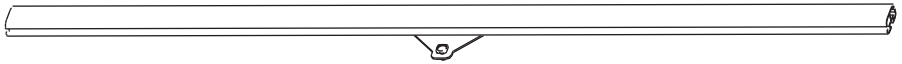


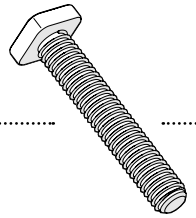


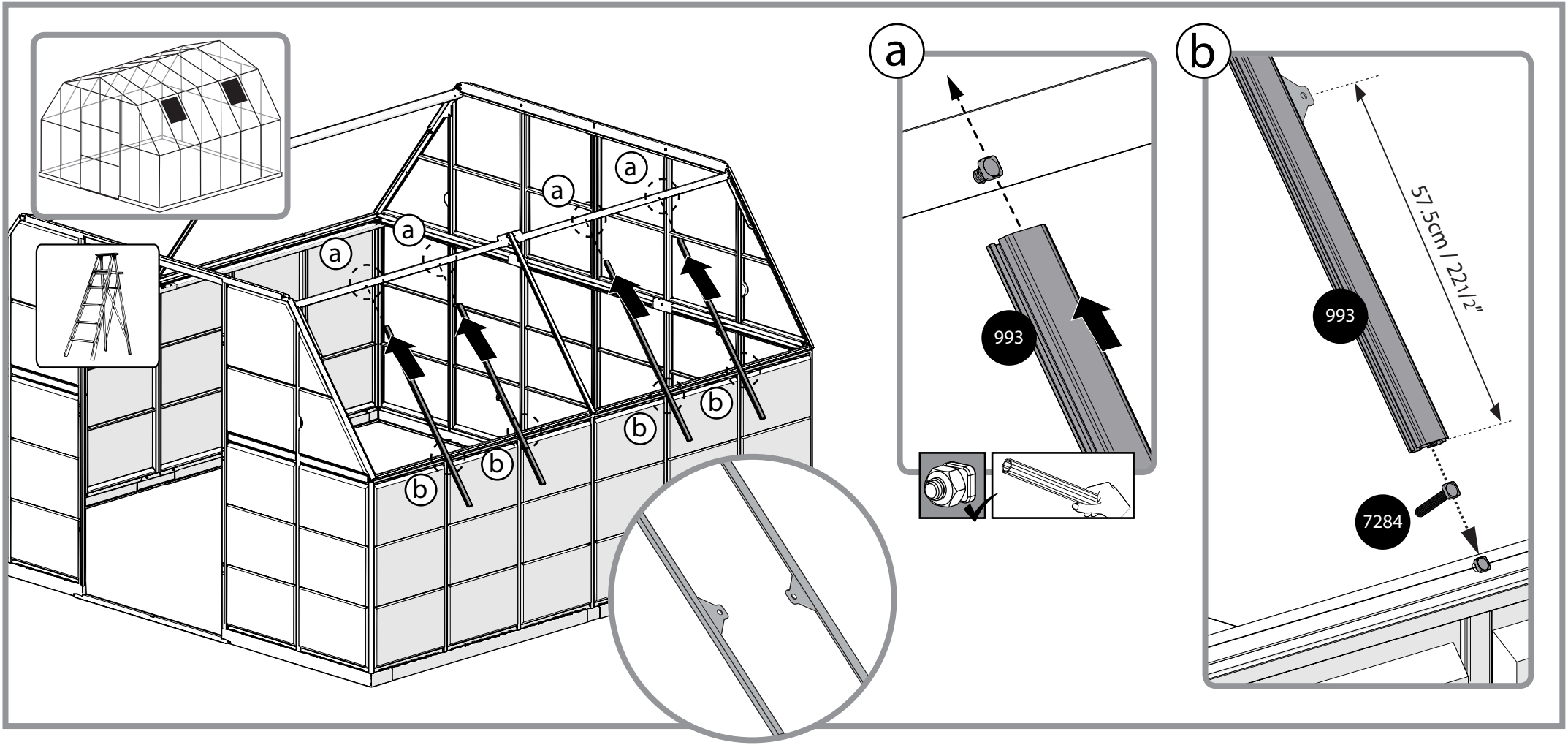


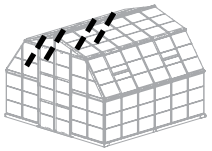


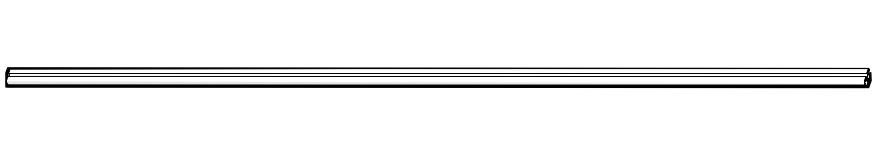


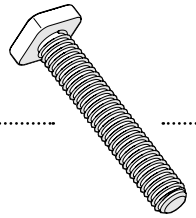
993 .....  4

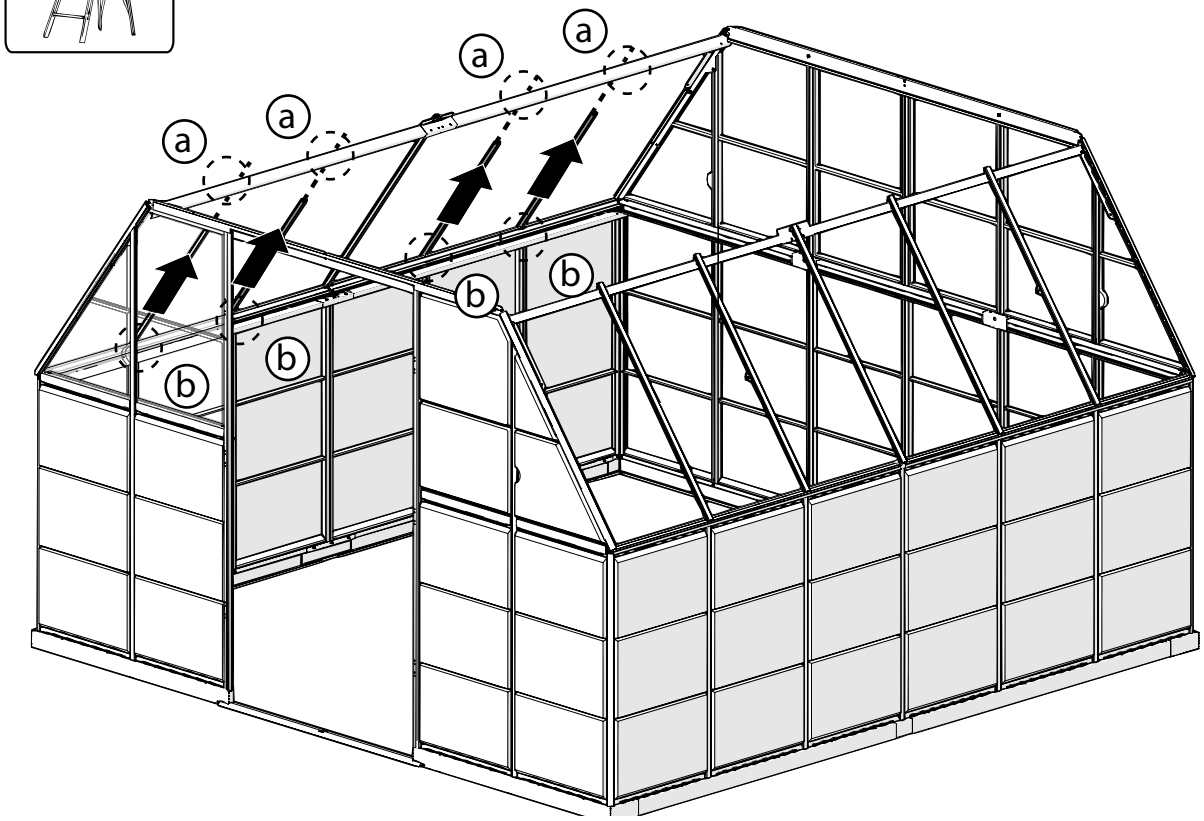
7284 .....  4

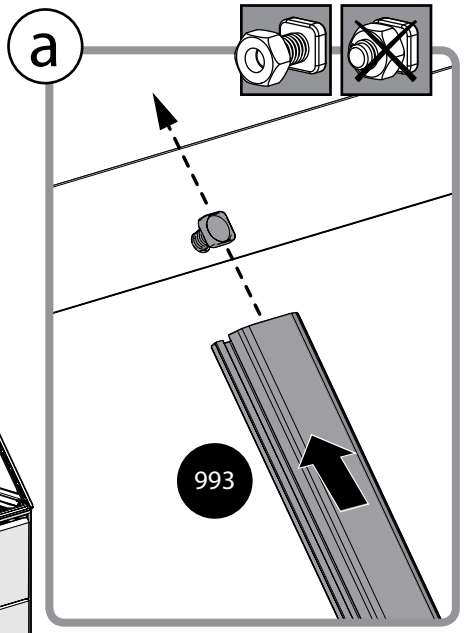


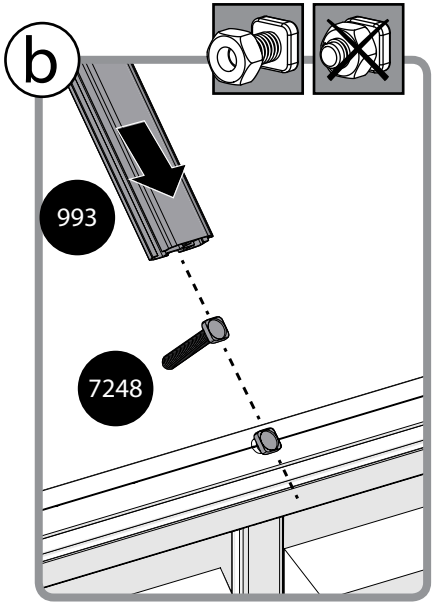


993 .....  4

7284 .....  4







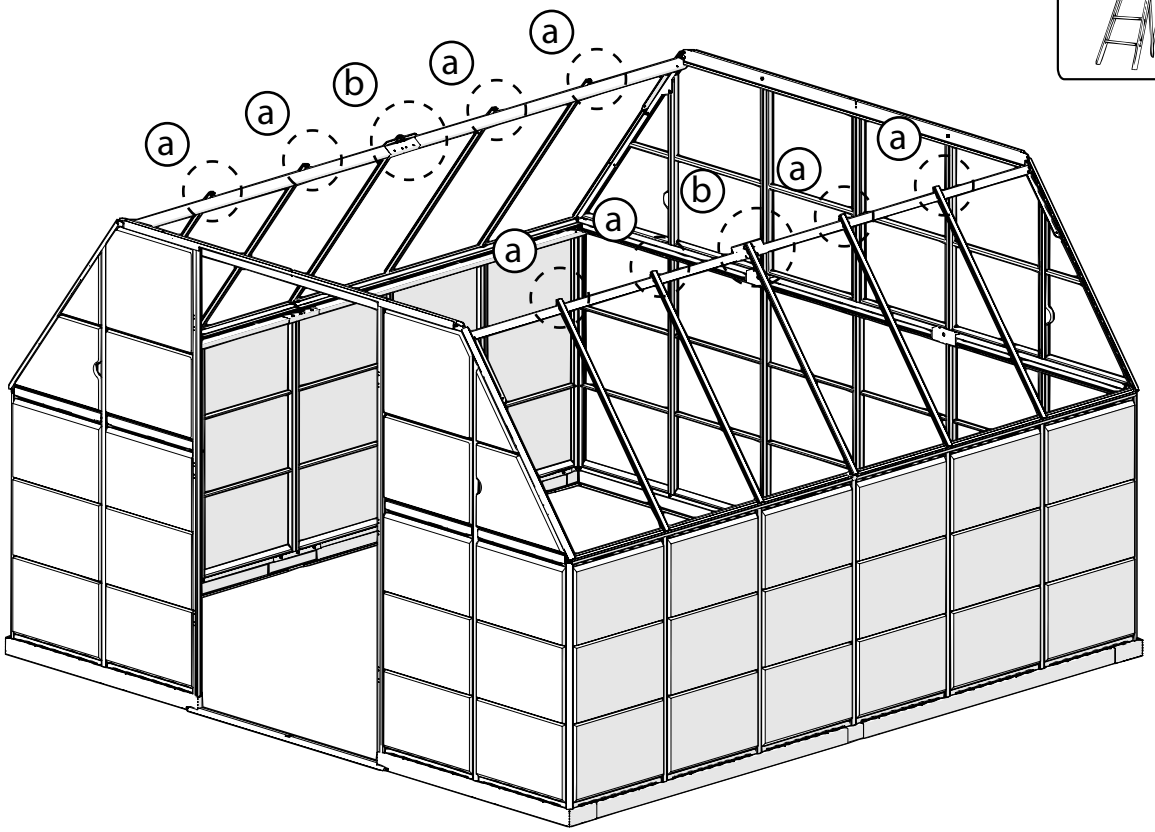
411 10

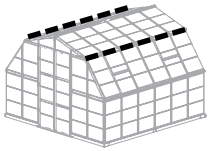
412 10

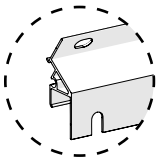
a

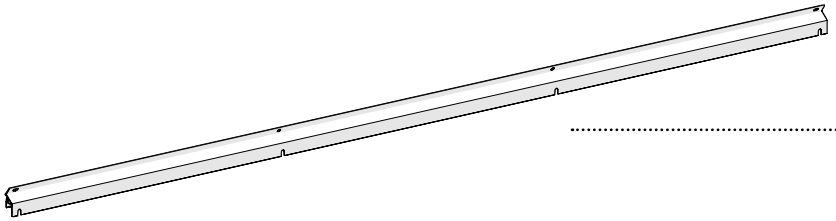
b

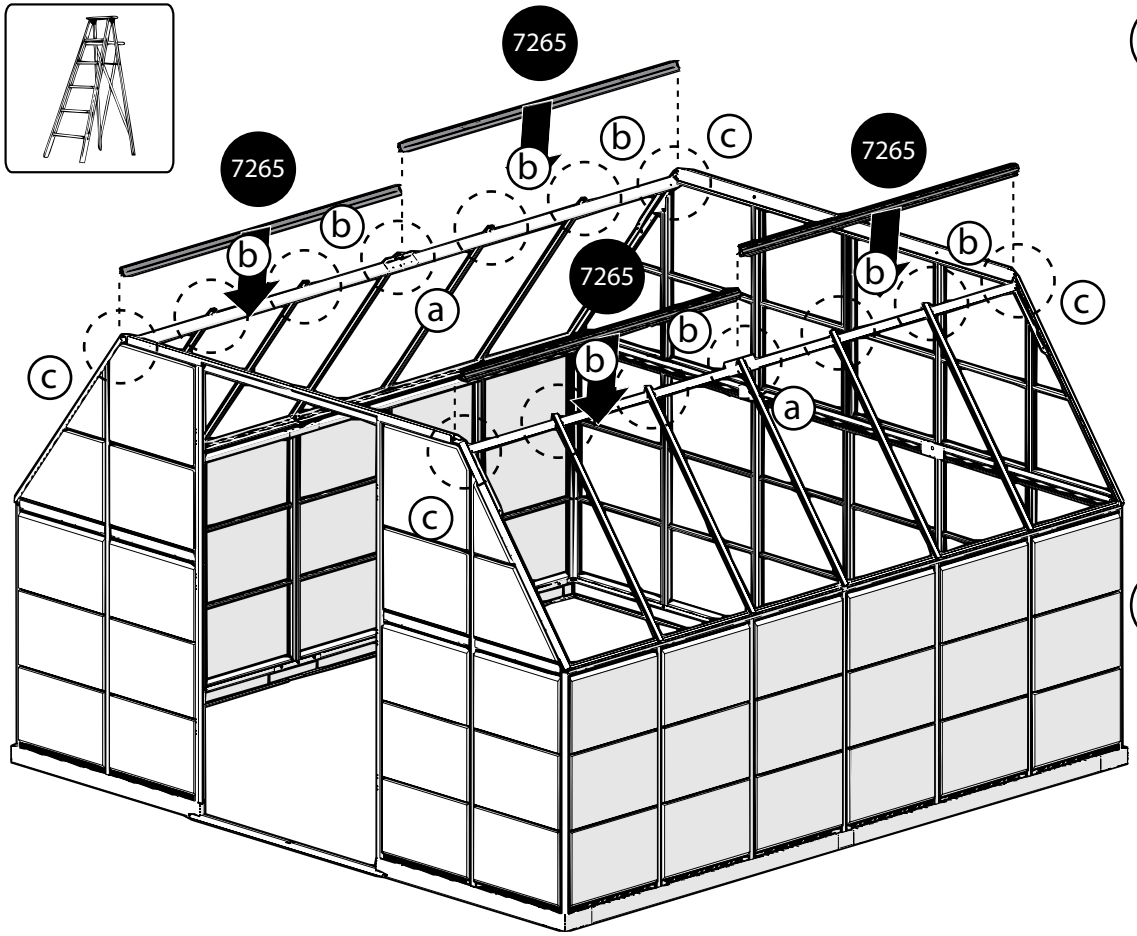
411 + 412



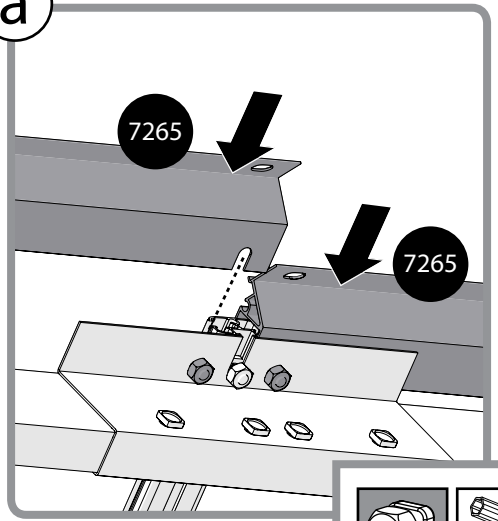


7265 ..... 

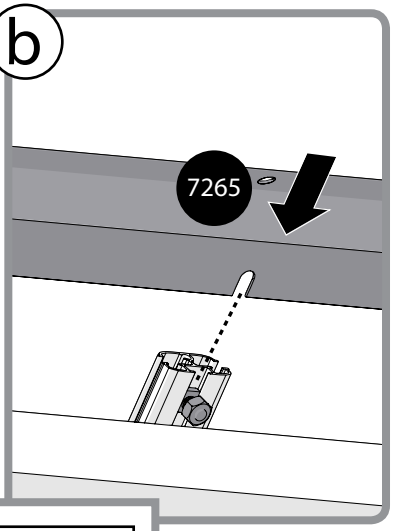
 4

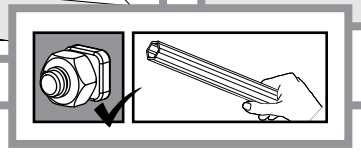


a

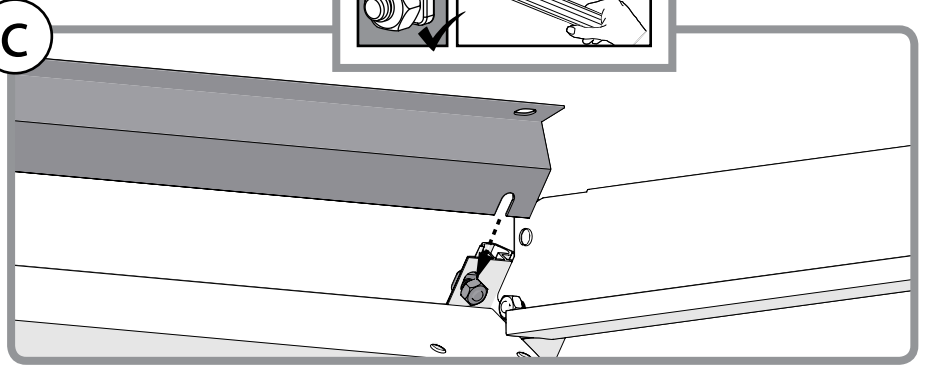


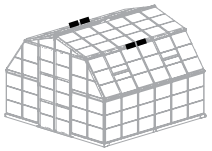
b





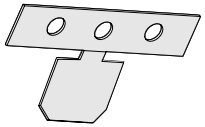
c

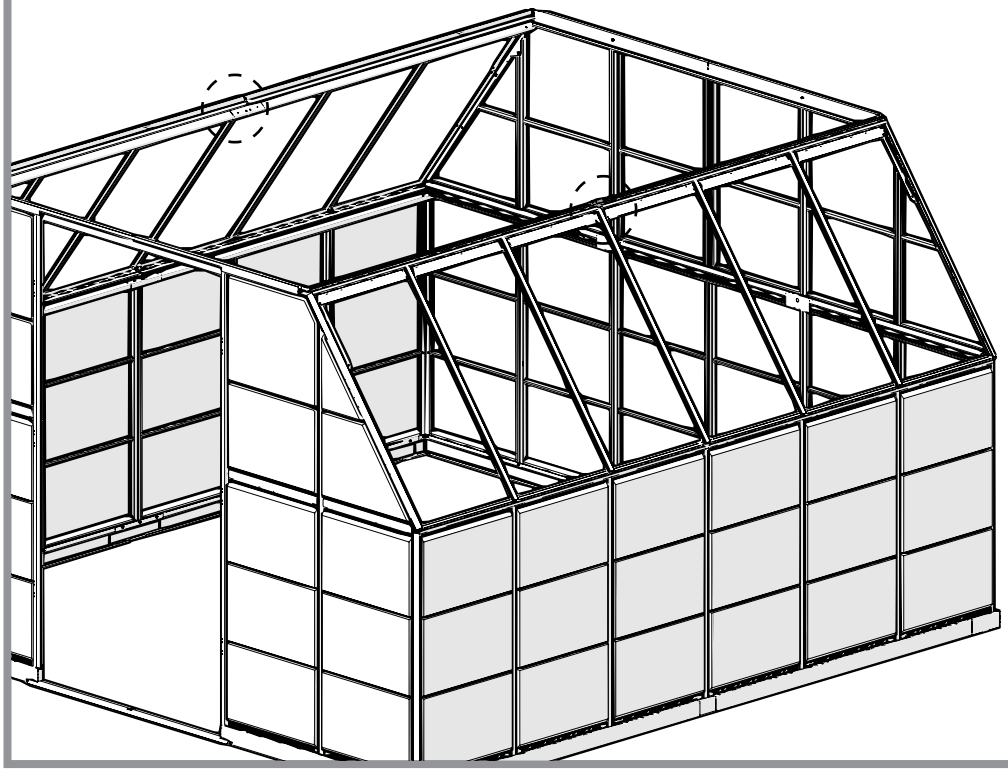




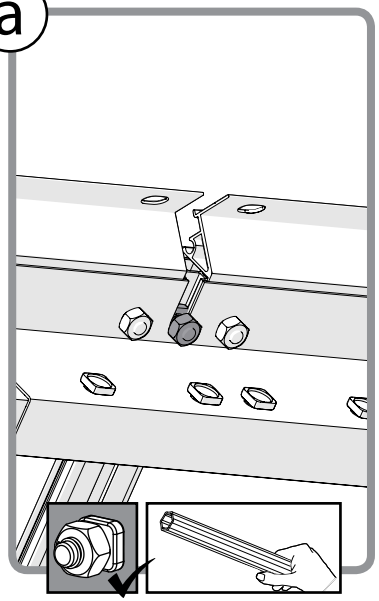
411 4

412 4

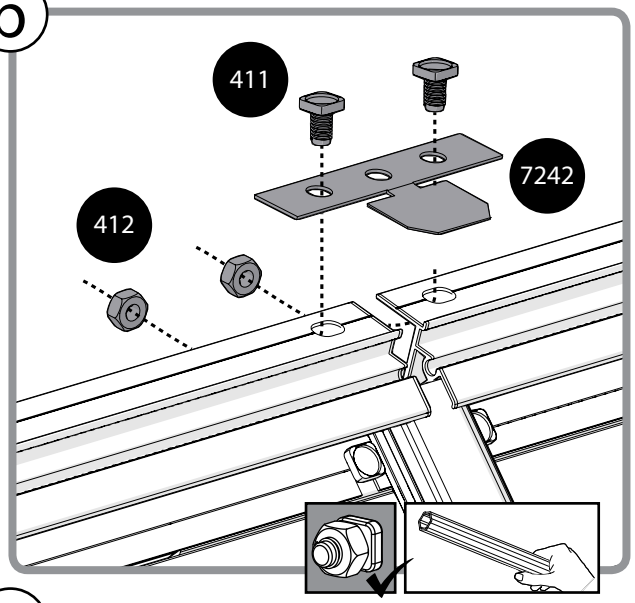
7242 .....  2



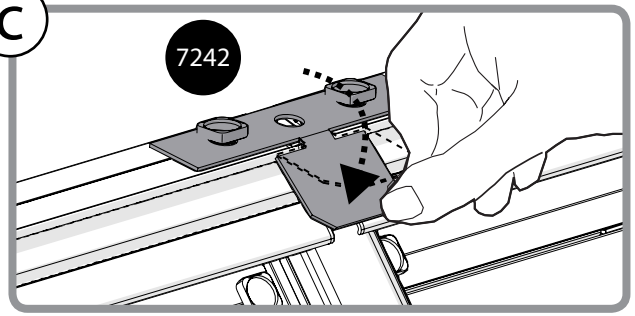
a

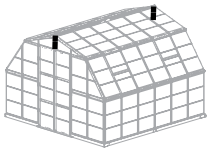


b

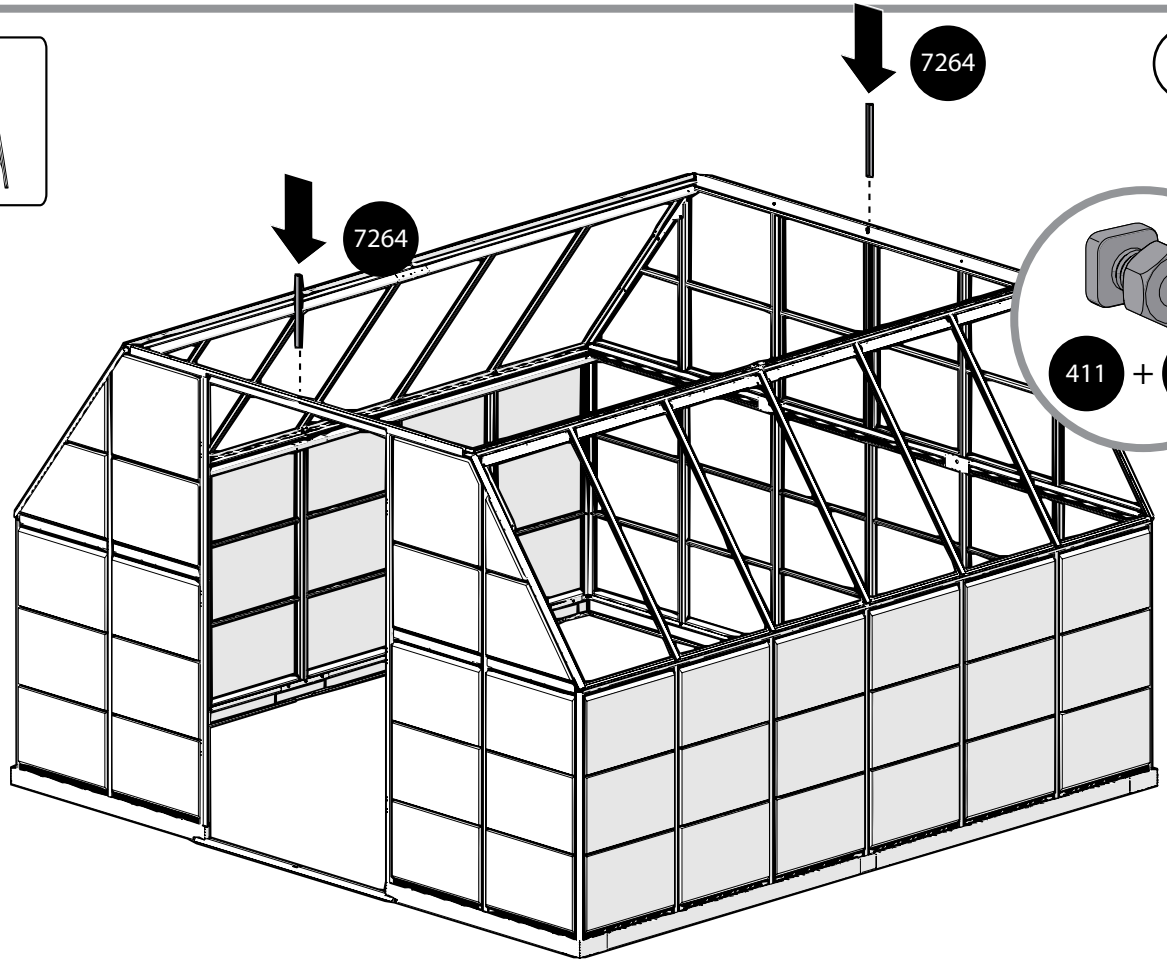


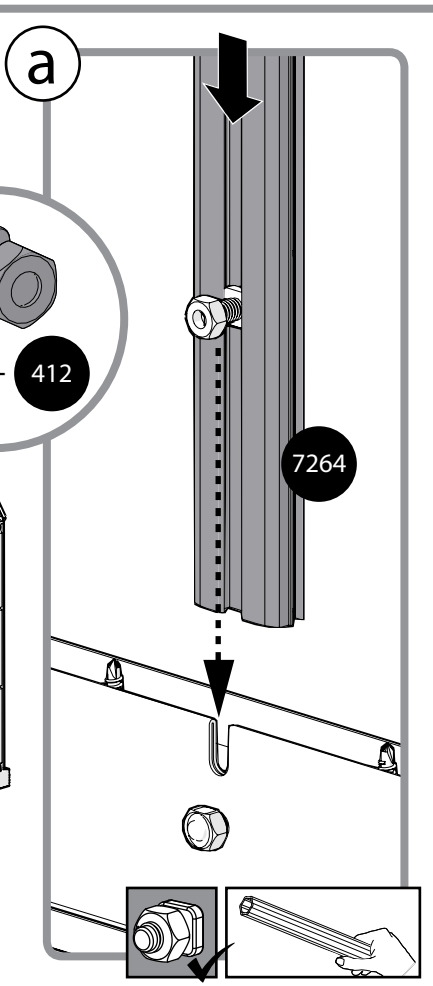
c

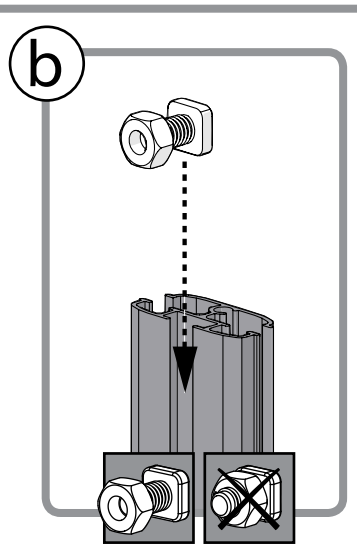


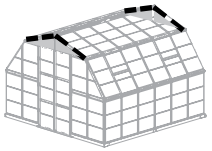


411 ..... 4 412 ..... 4 7264 2

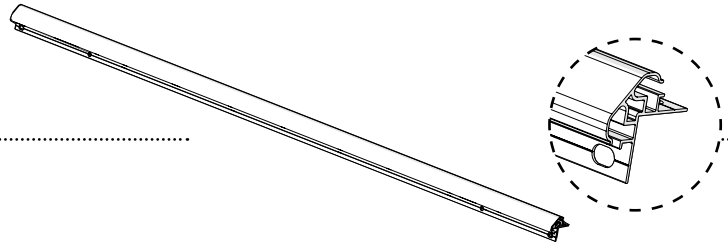




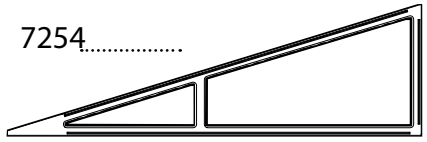




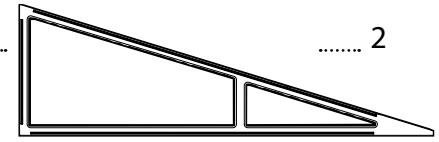
996 4



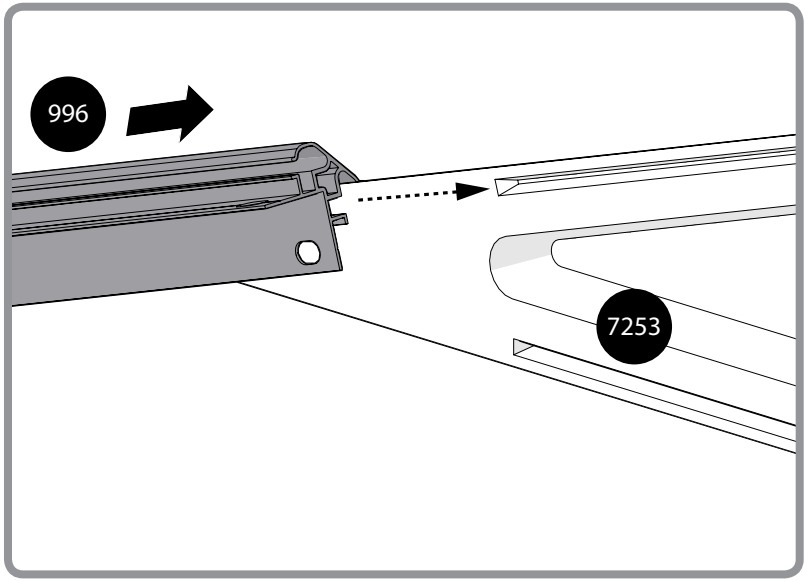
7254 2

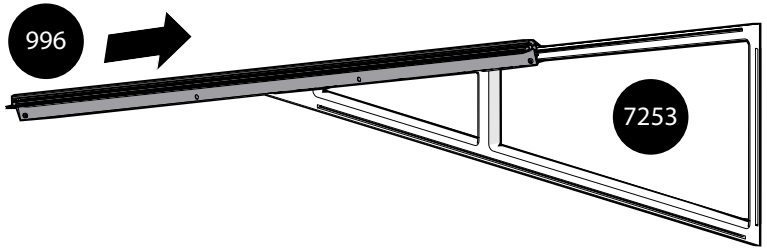


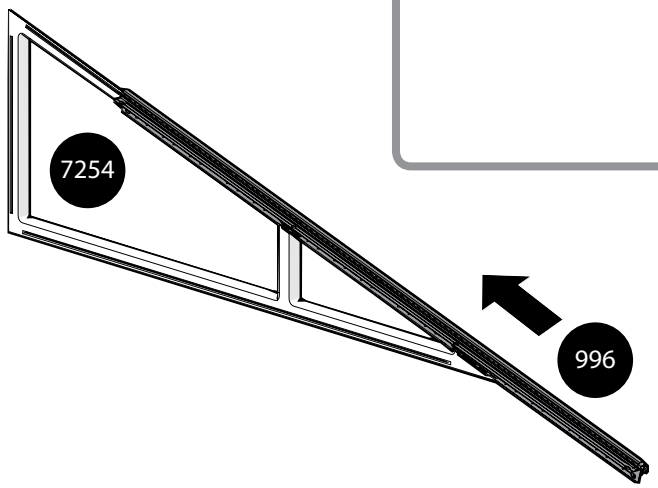
7253 2



x2

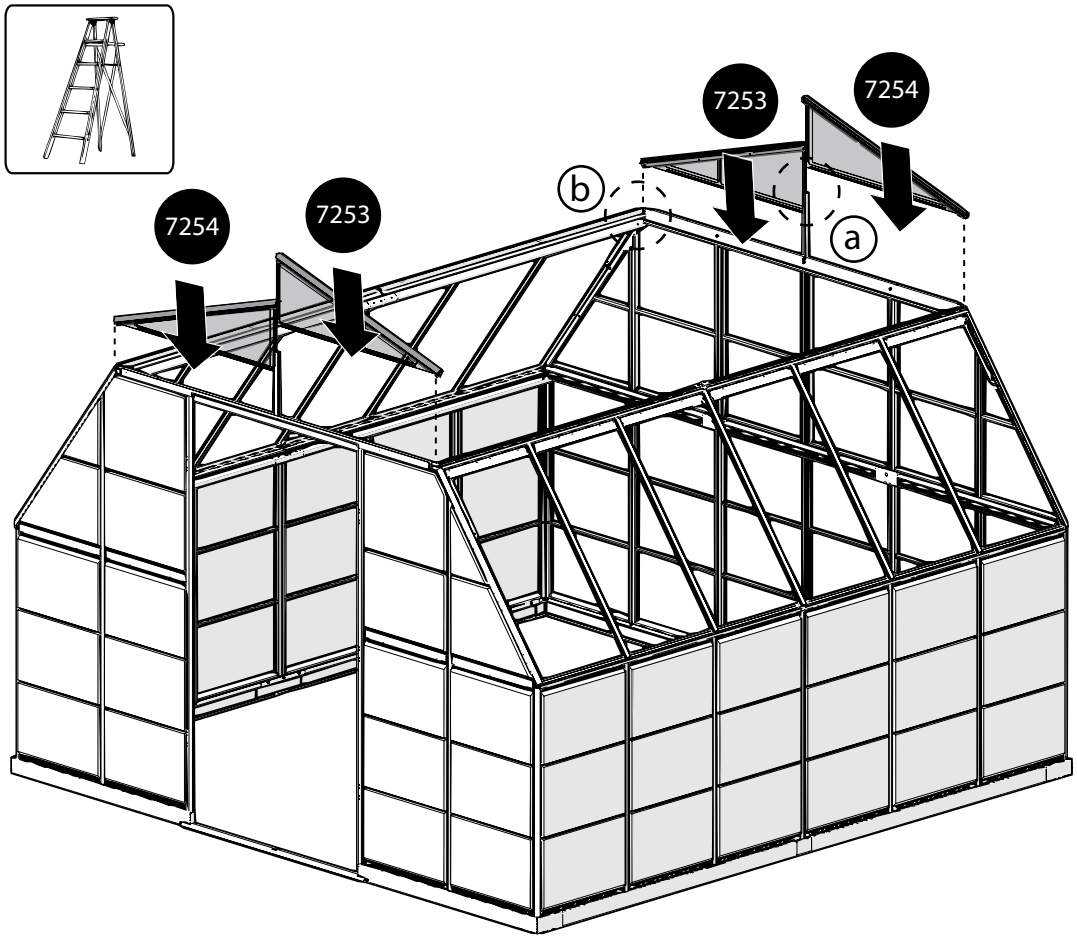


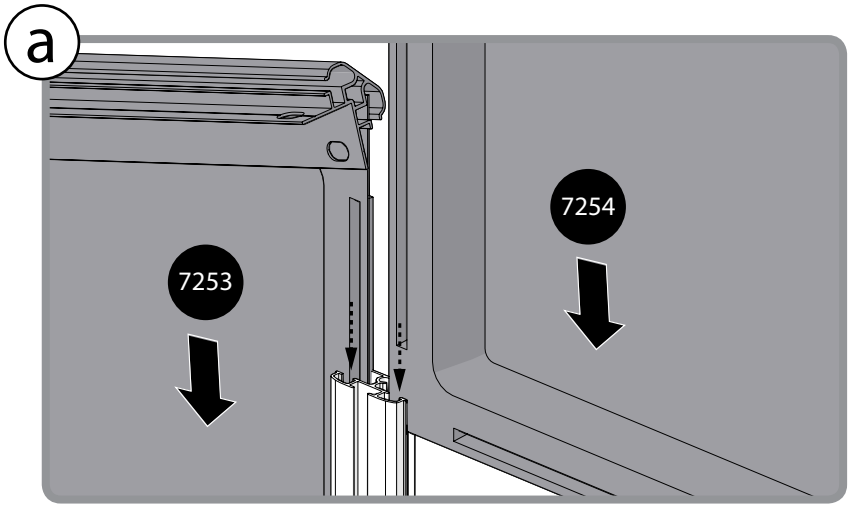


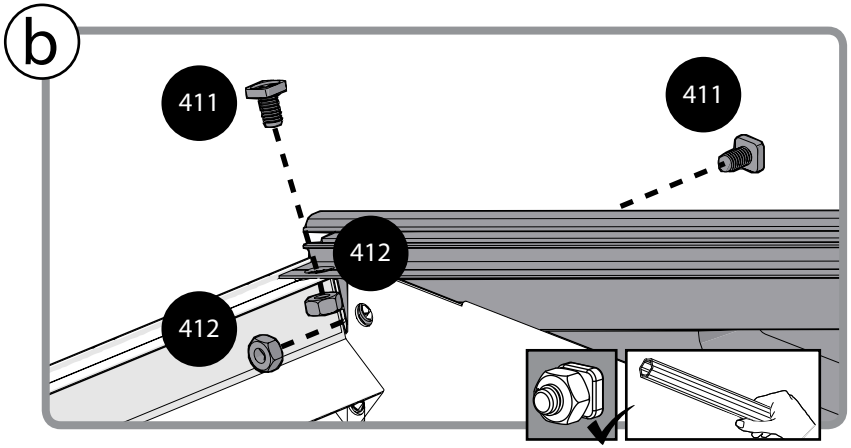


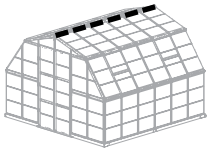
411 8

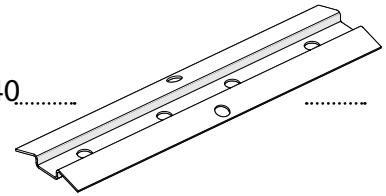
412 8



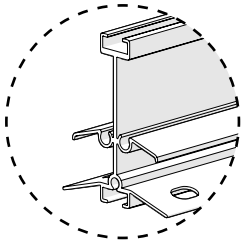




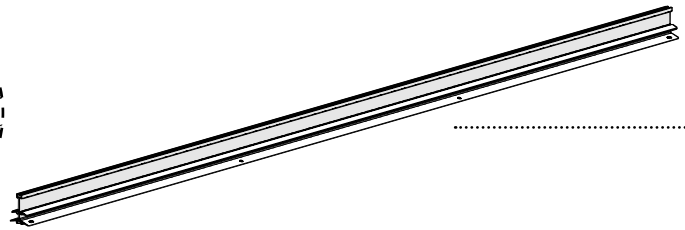




7240 1



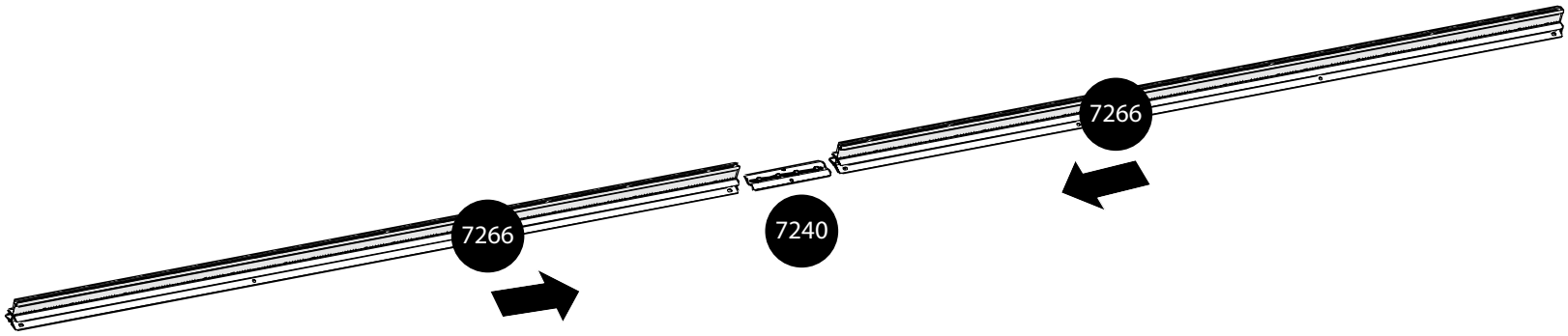
7266 .....



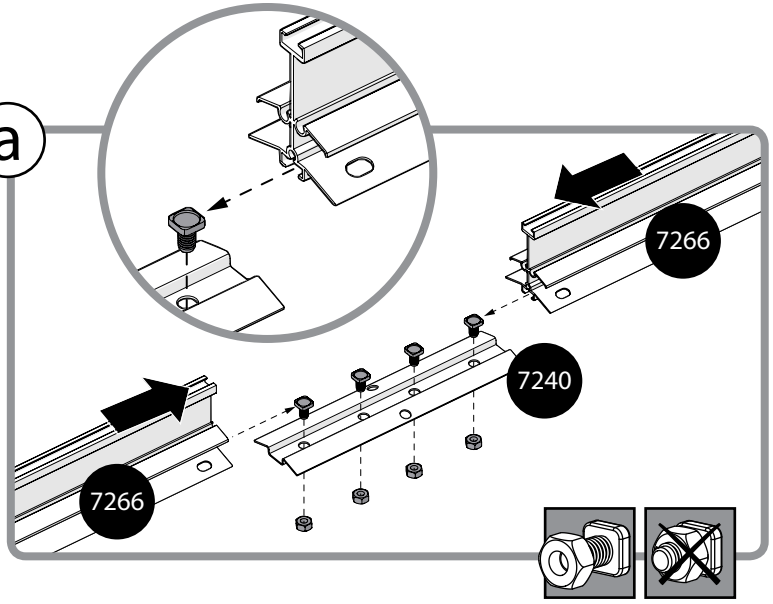
2

411 4

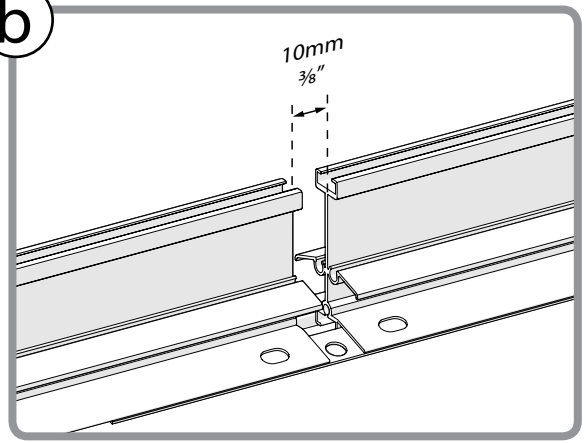
412 4



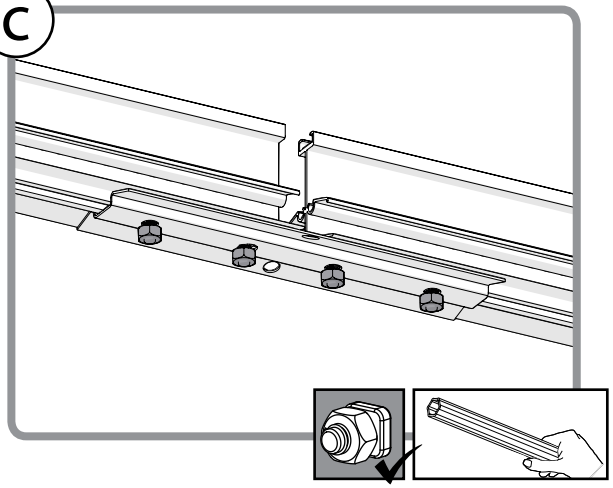
a



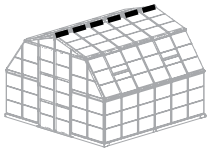
b

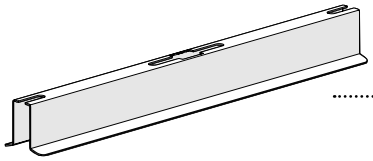


c



61

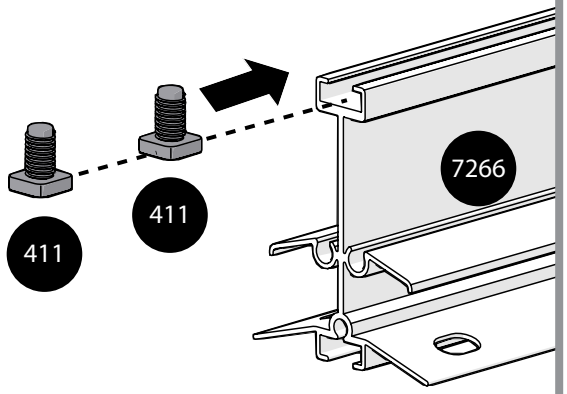


7239 .....  1

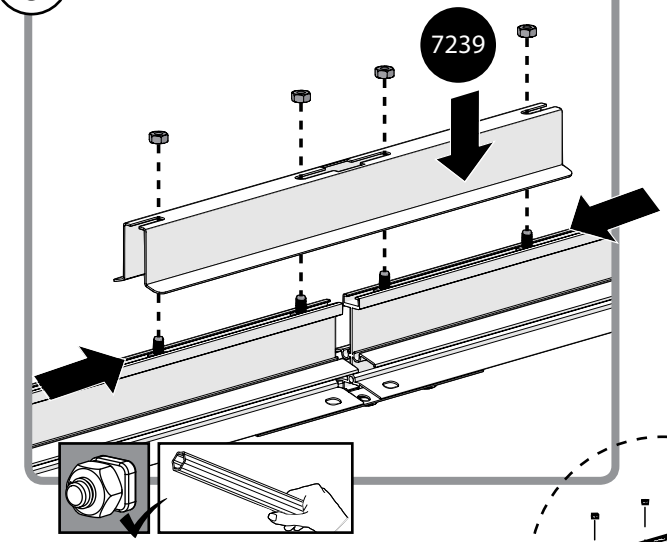
411 4

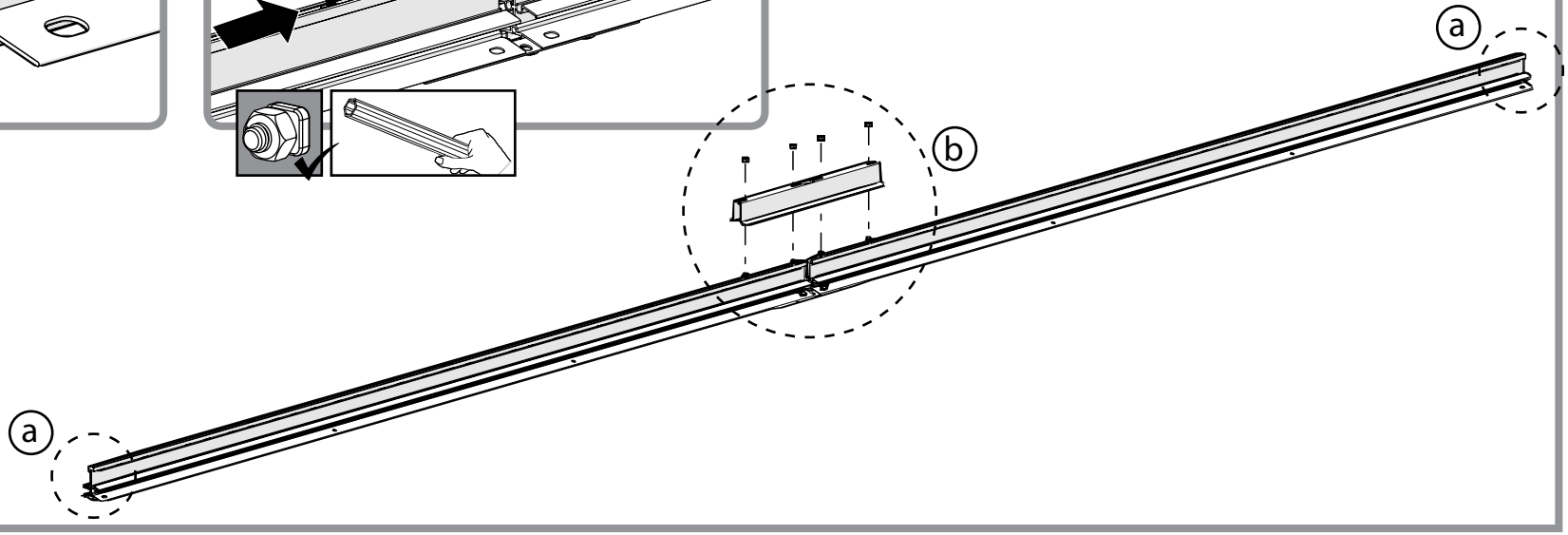
412 4

a



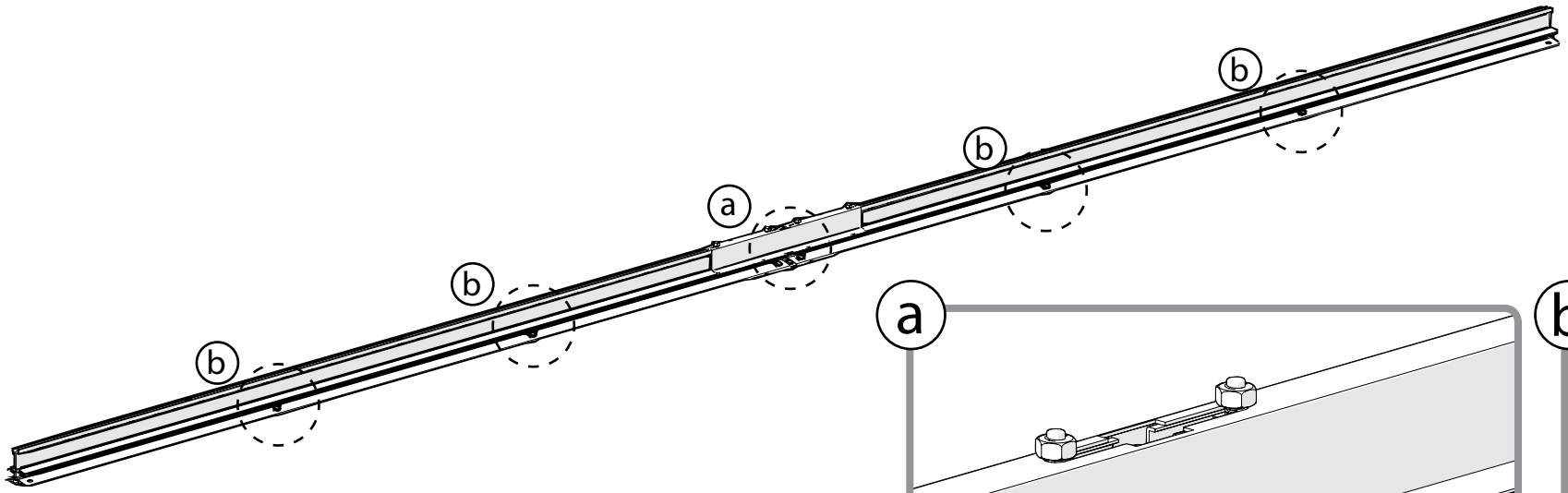
b

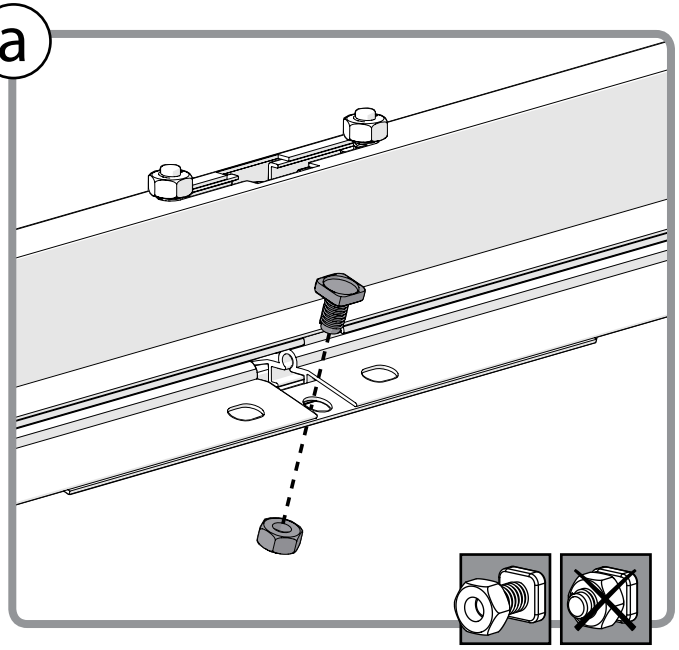


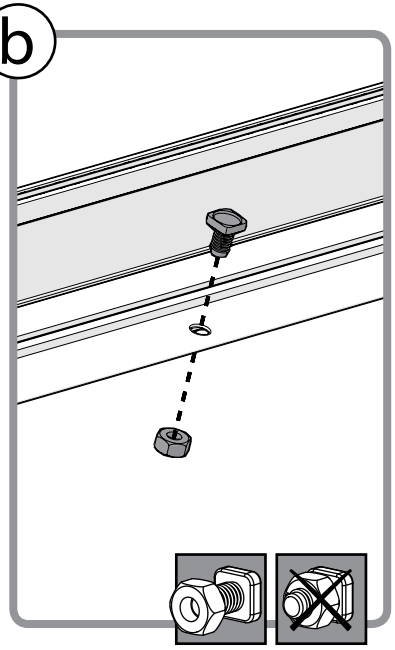


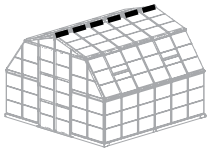
411 10

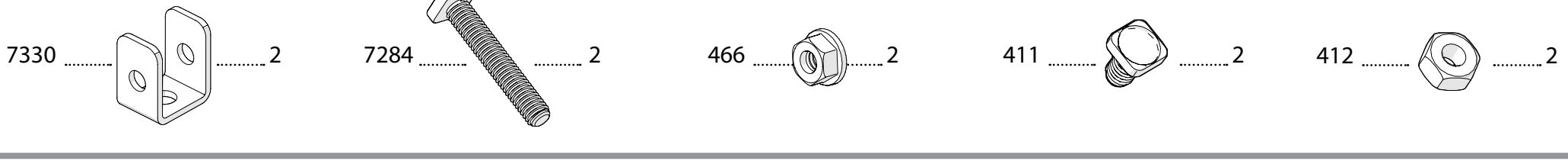
412 10

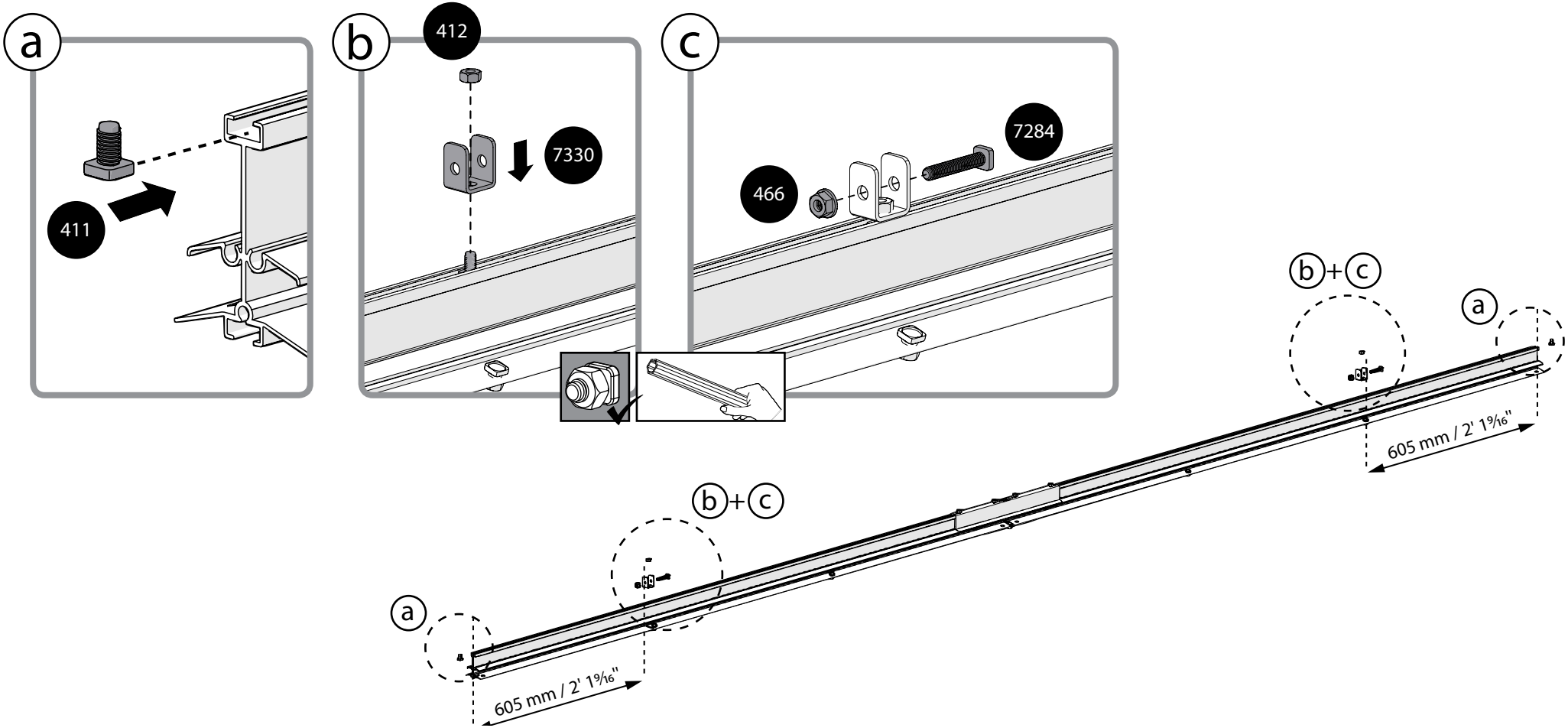


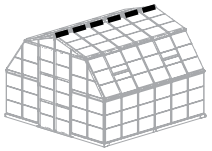


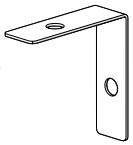





7330
2
7284
2
466
2
411
2
412
2

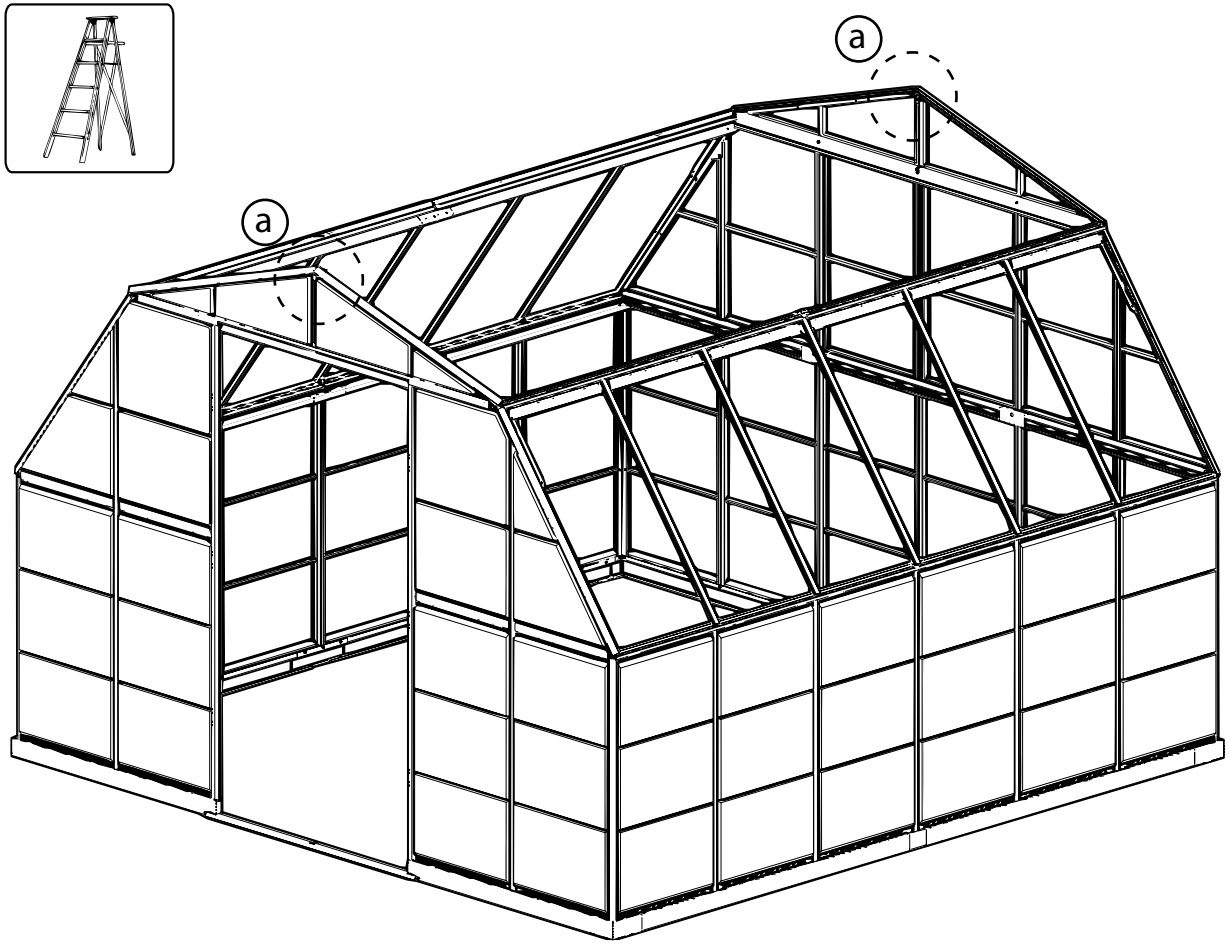

a
411
b
412
7330
c
466
7284
b+c
a
605 mm / 2' 1⁹⁄₁₆"
b+c
a
605 mm / 2' 1⁹⁄₁₆"



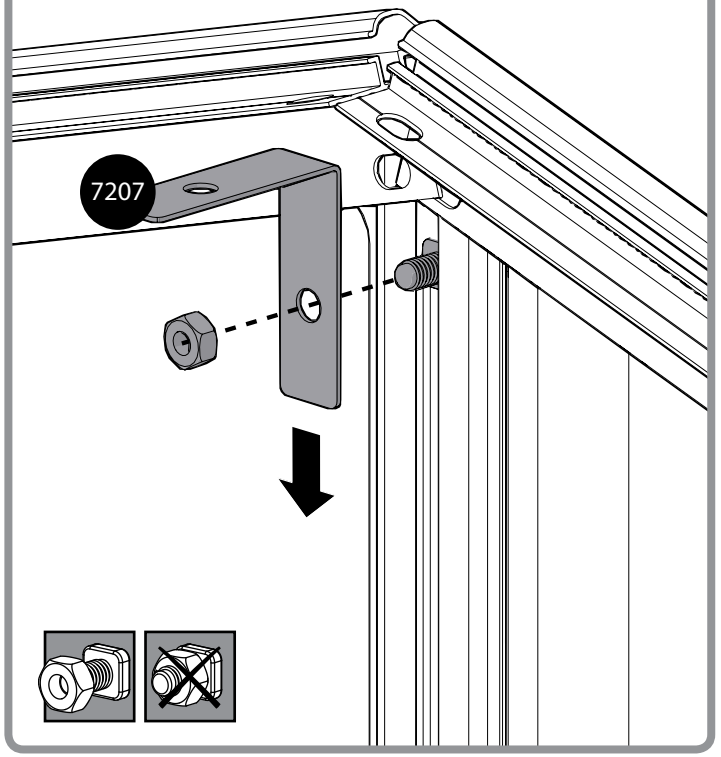
7207 .....  2

411 2

412 2

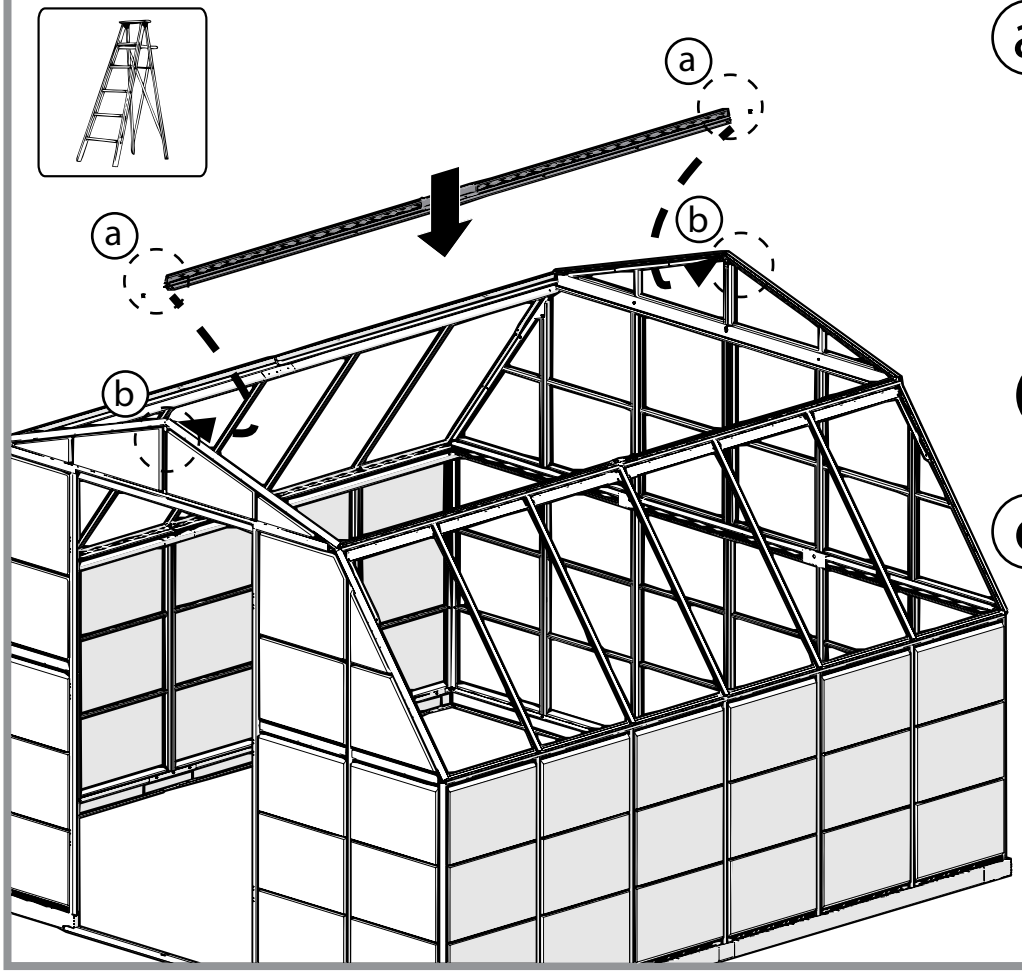


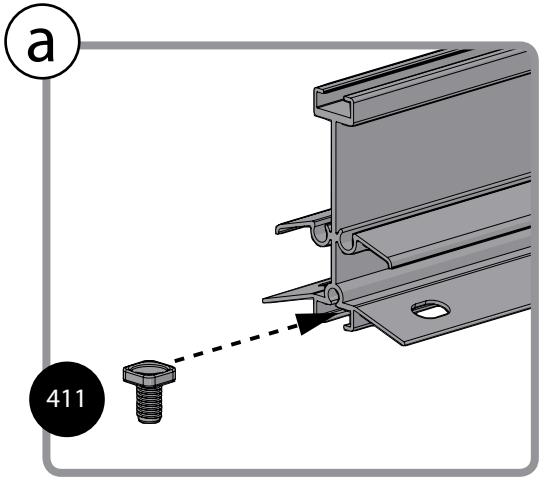
a

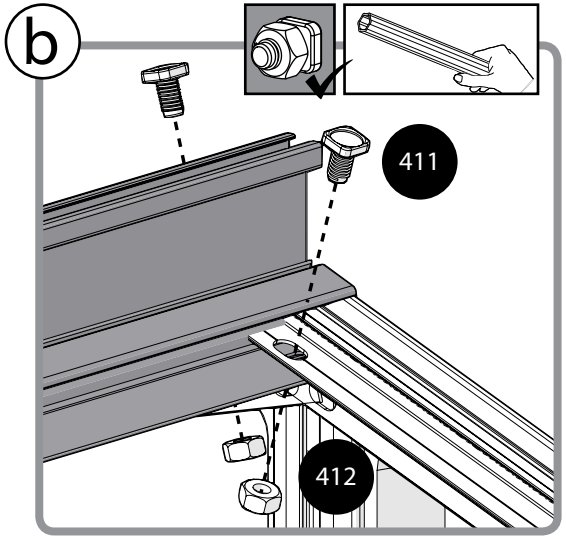


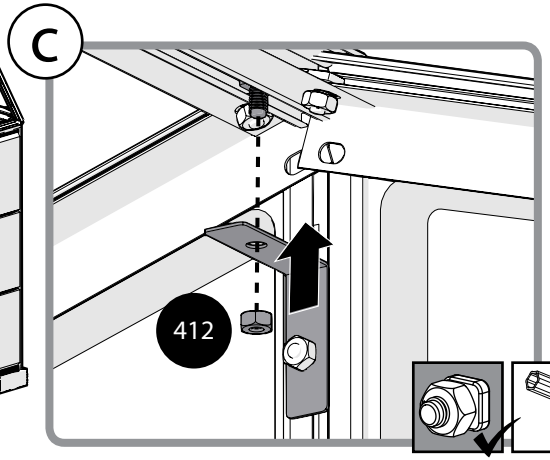
411 6

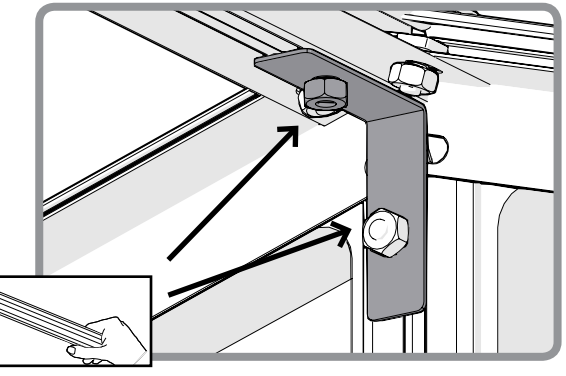
412 6

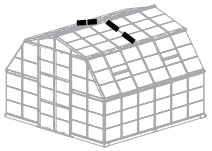


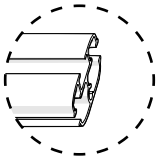






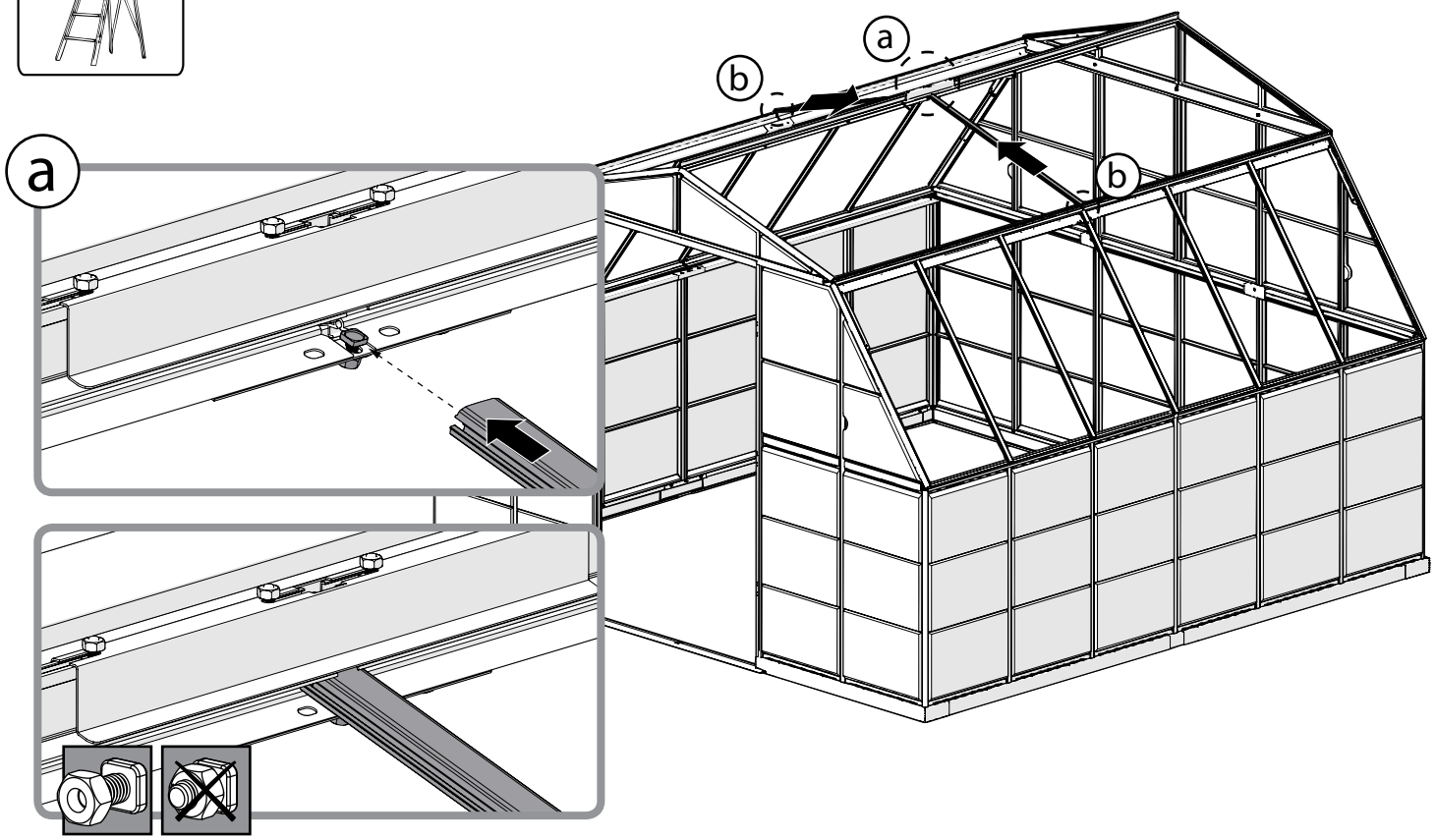


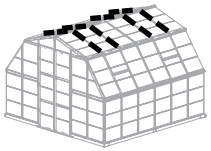


993 .....  2

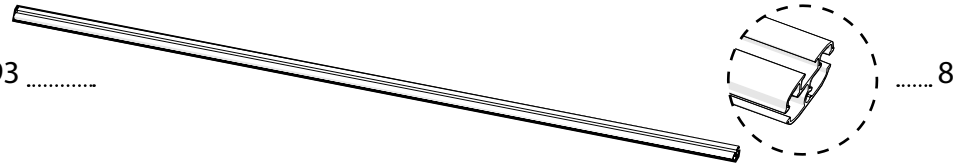
411 6

412 6

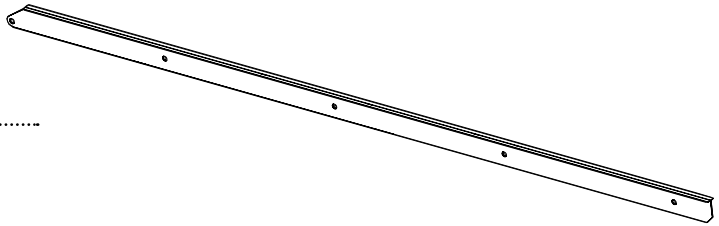




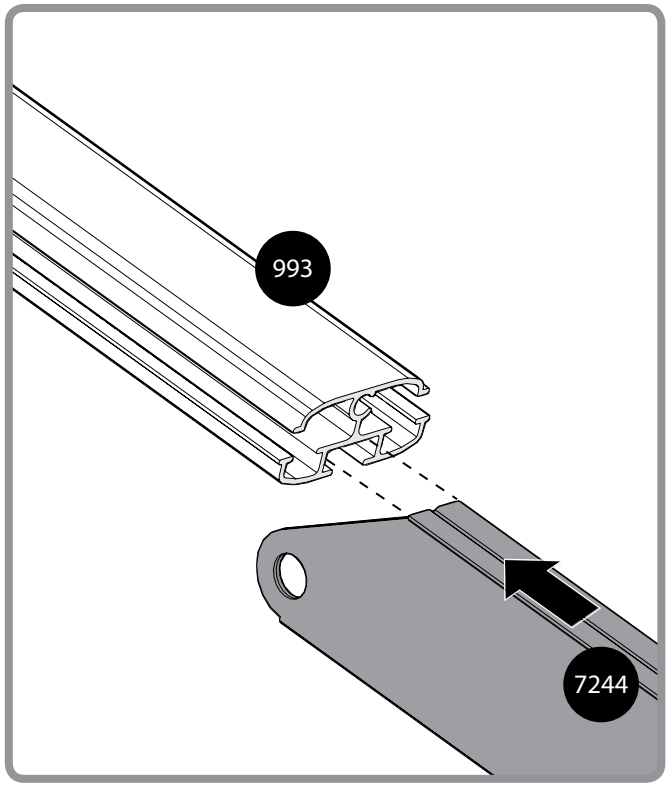
993 8

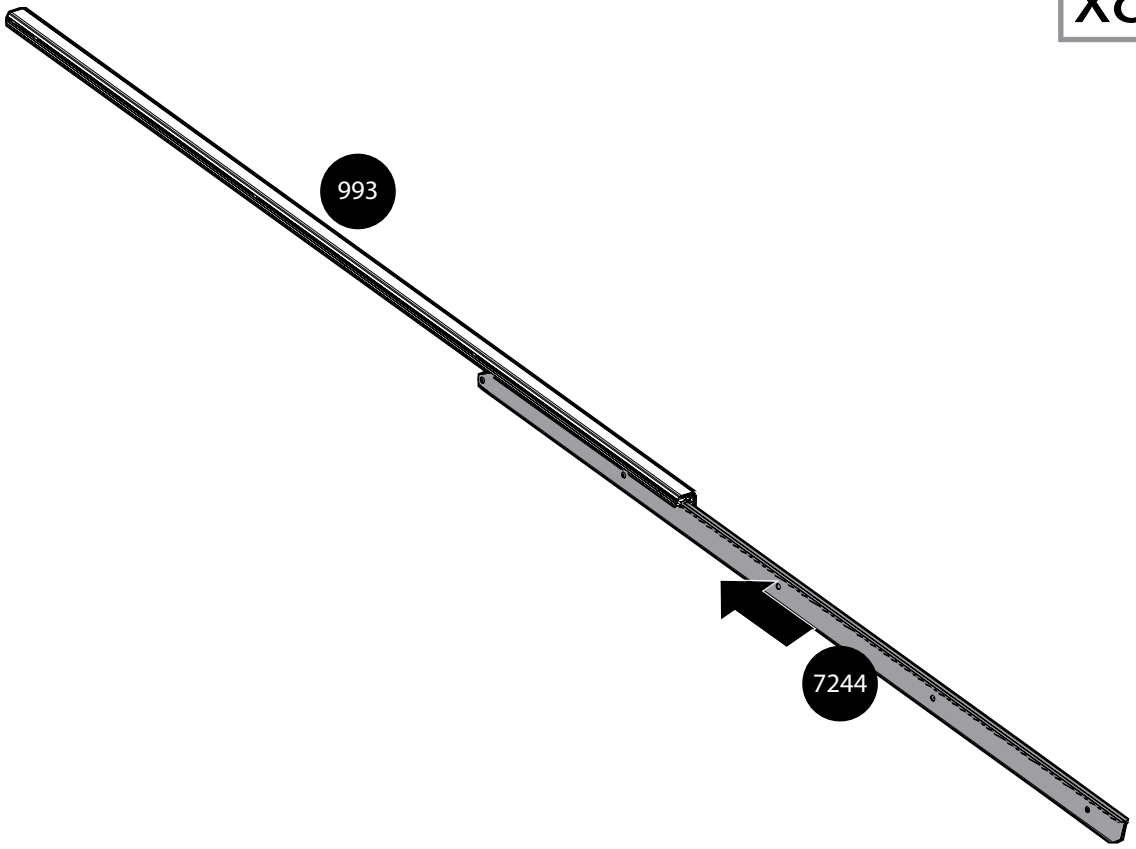


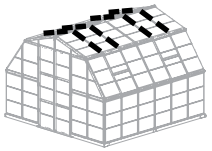
7244 8



x8



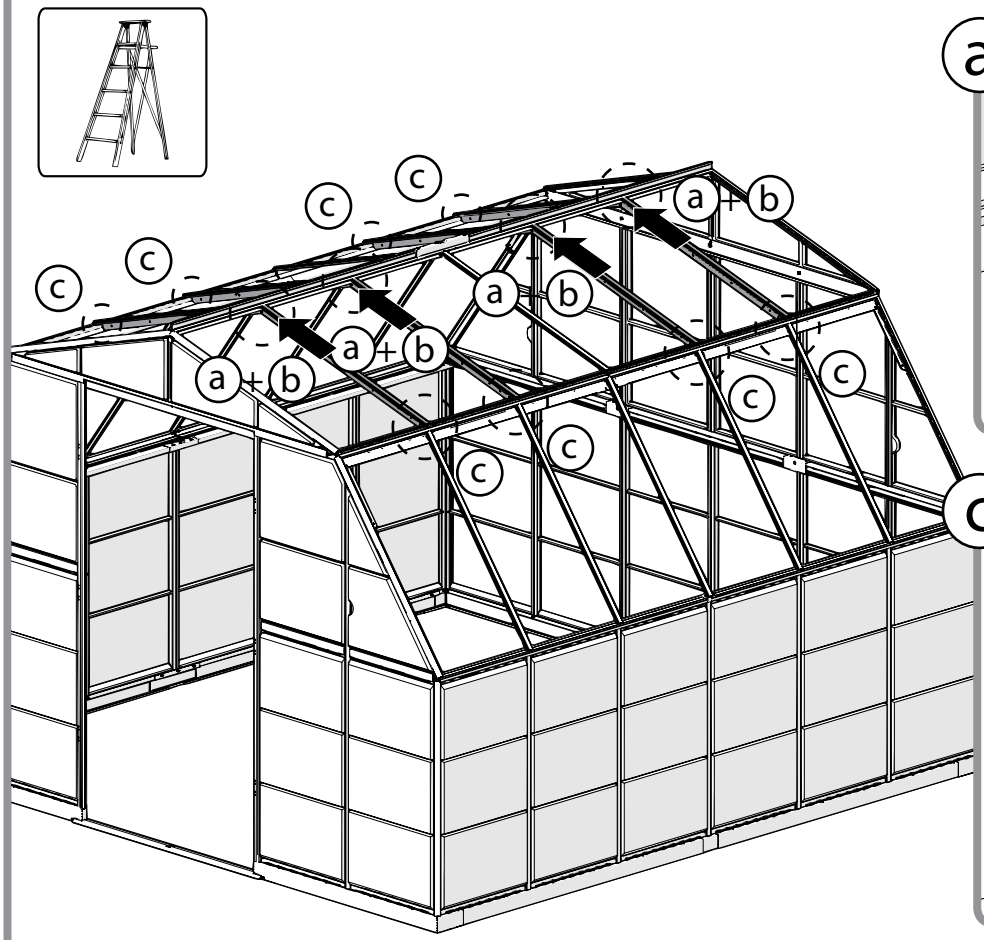




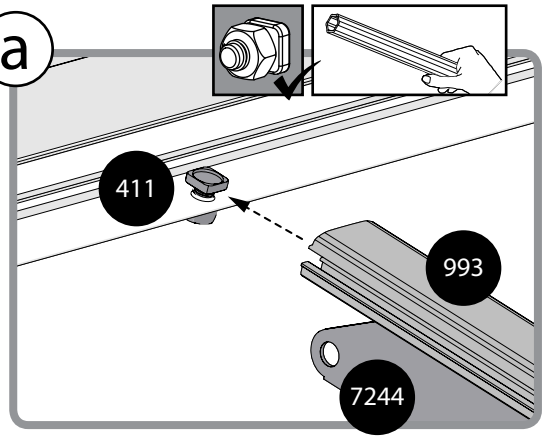
993 + 7244 8

411 12

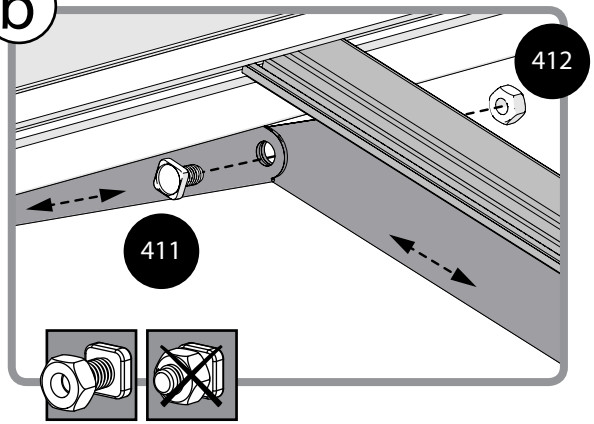
412 12



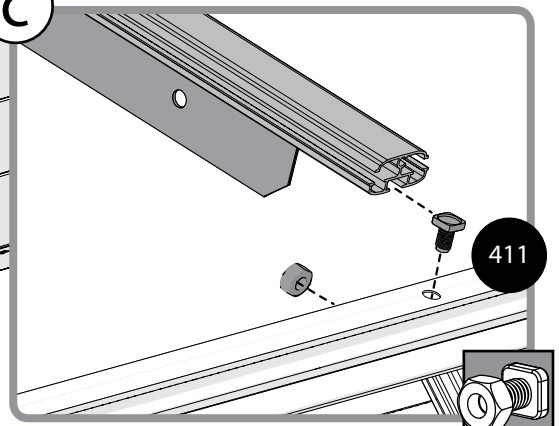
a

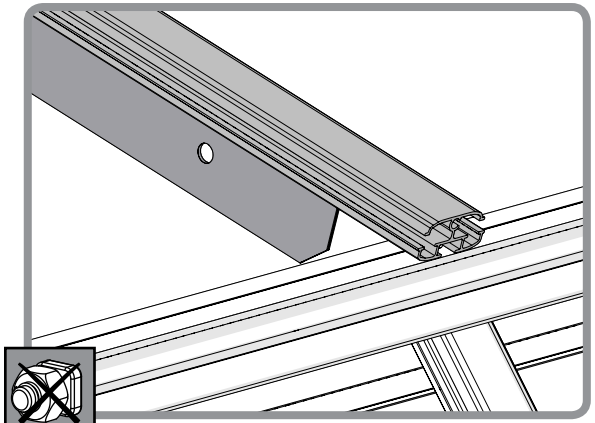


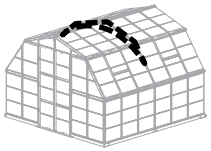
b

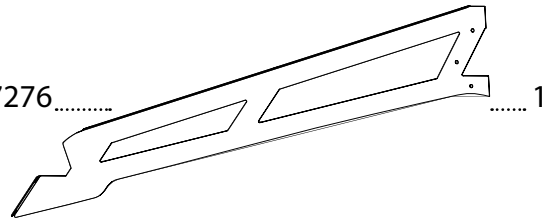


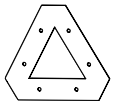
c

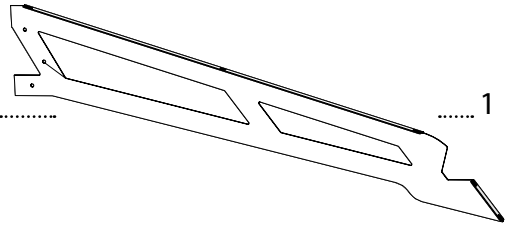


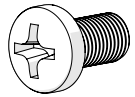




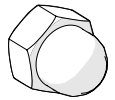

7276 1

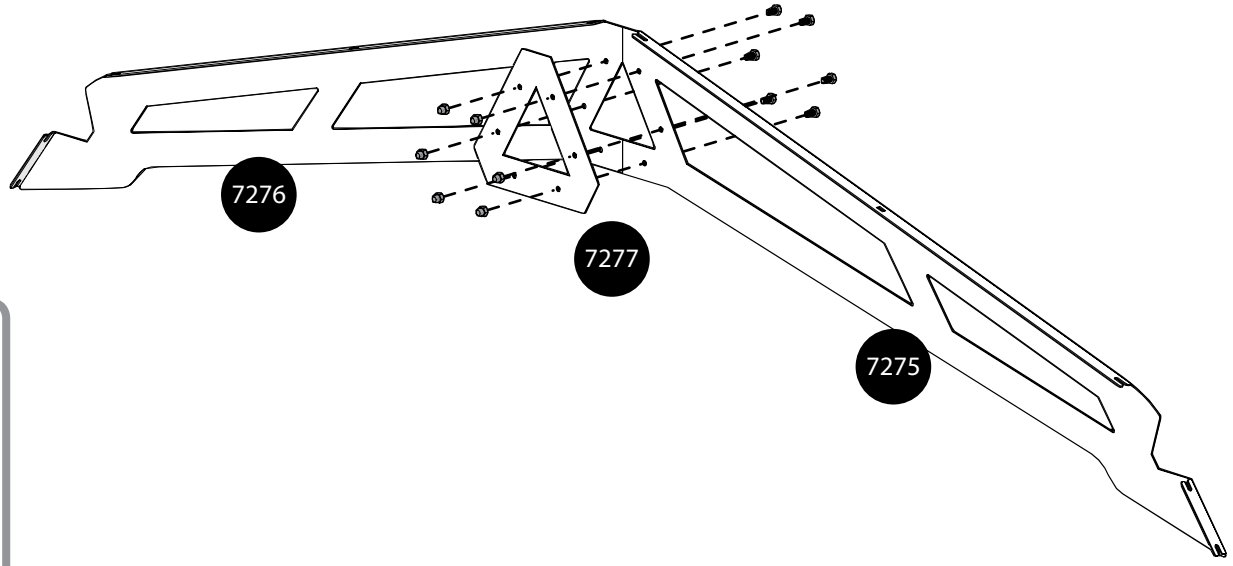

7277 1

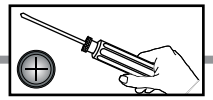

7275 1

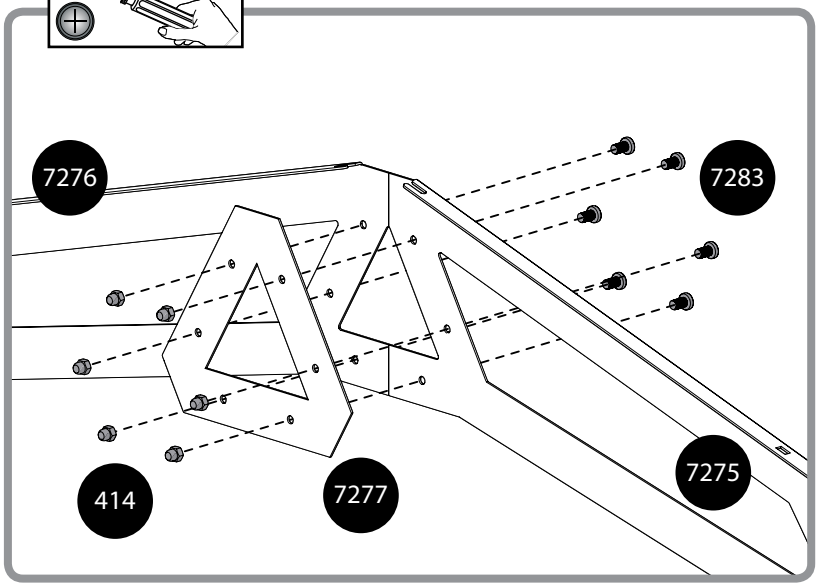

7283 6

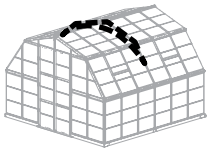
M8

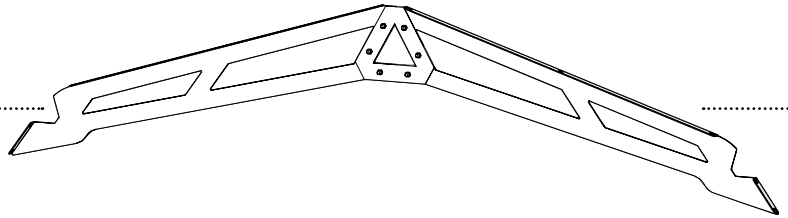

414 6

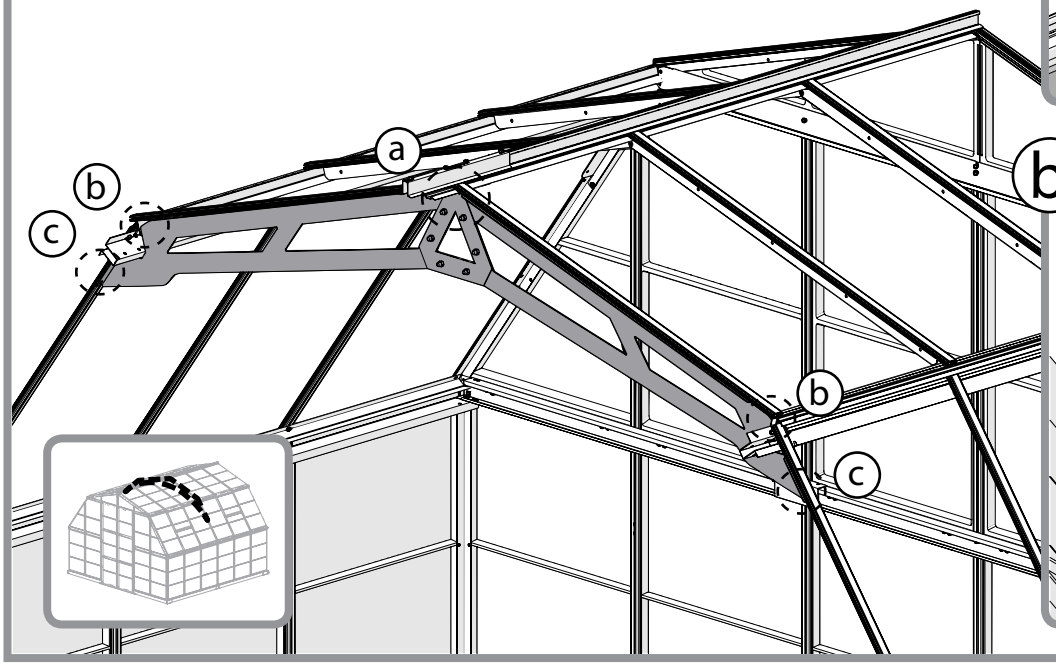


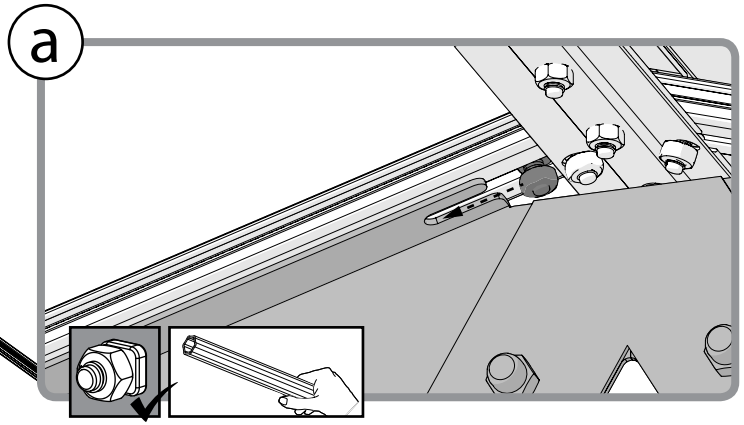


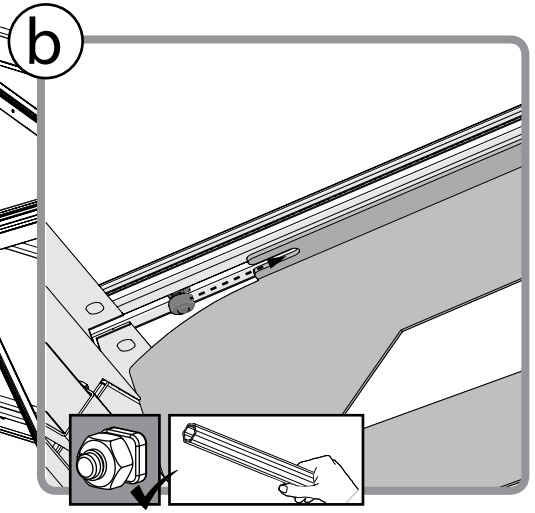


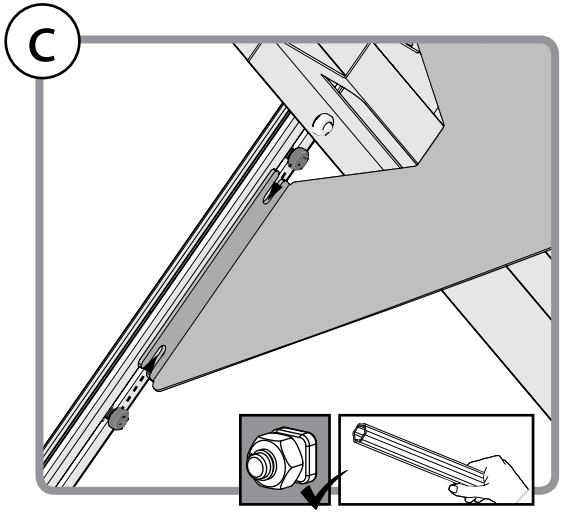


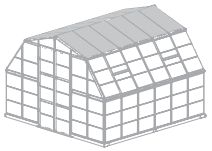
7275 + 7276 + 7277 .....  1

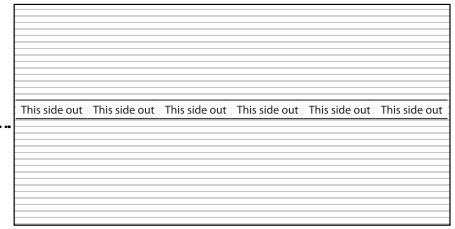




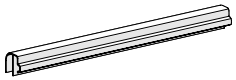


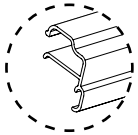
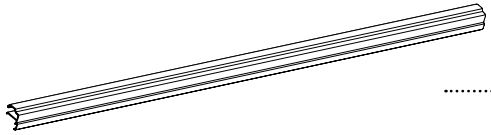


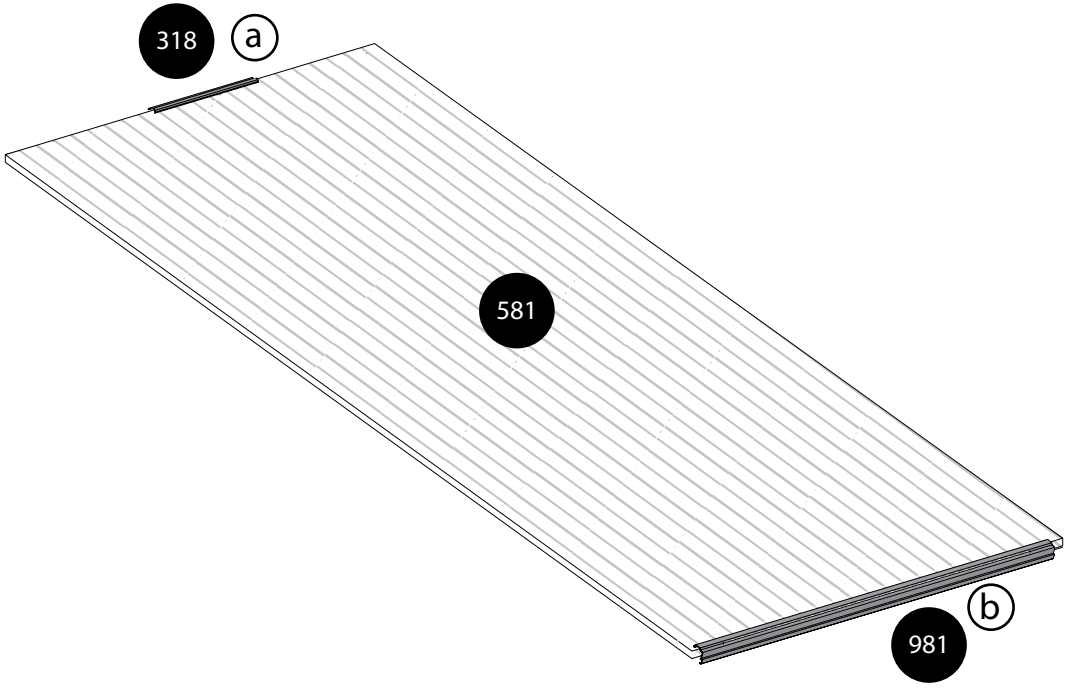


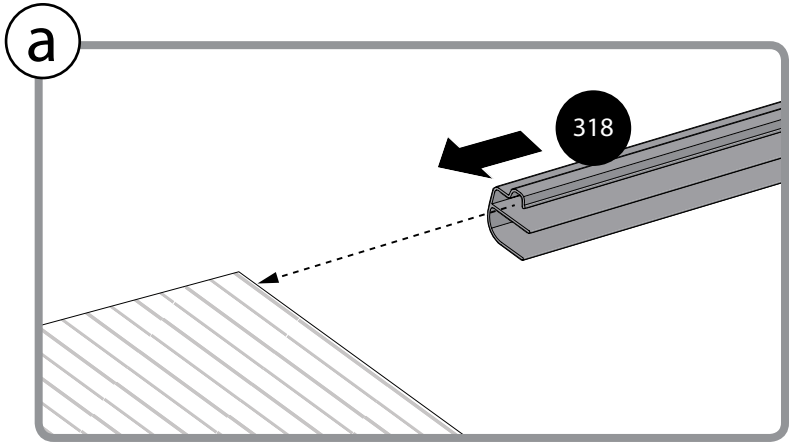
581 ..... 

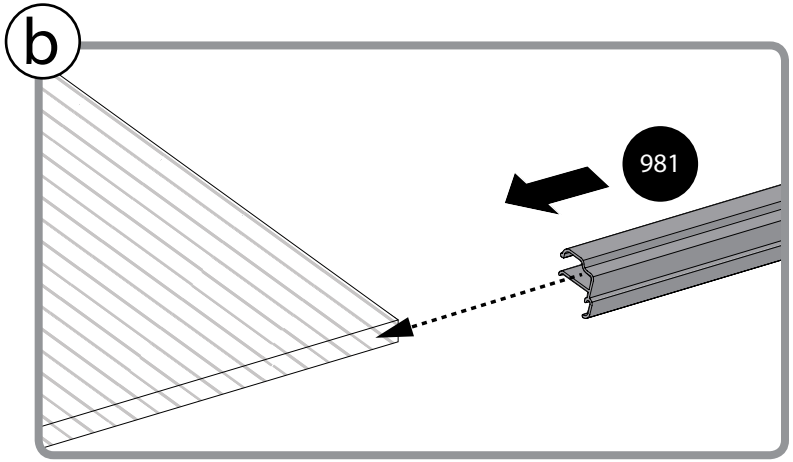
..... 12

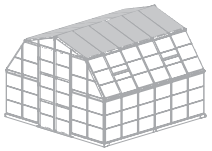
318 PVC .....  12

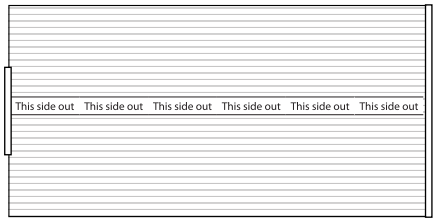
981 .....   12



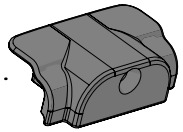


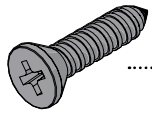


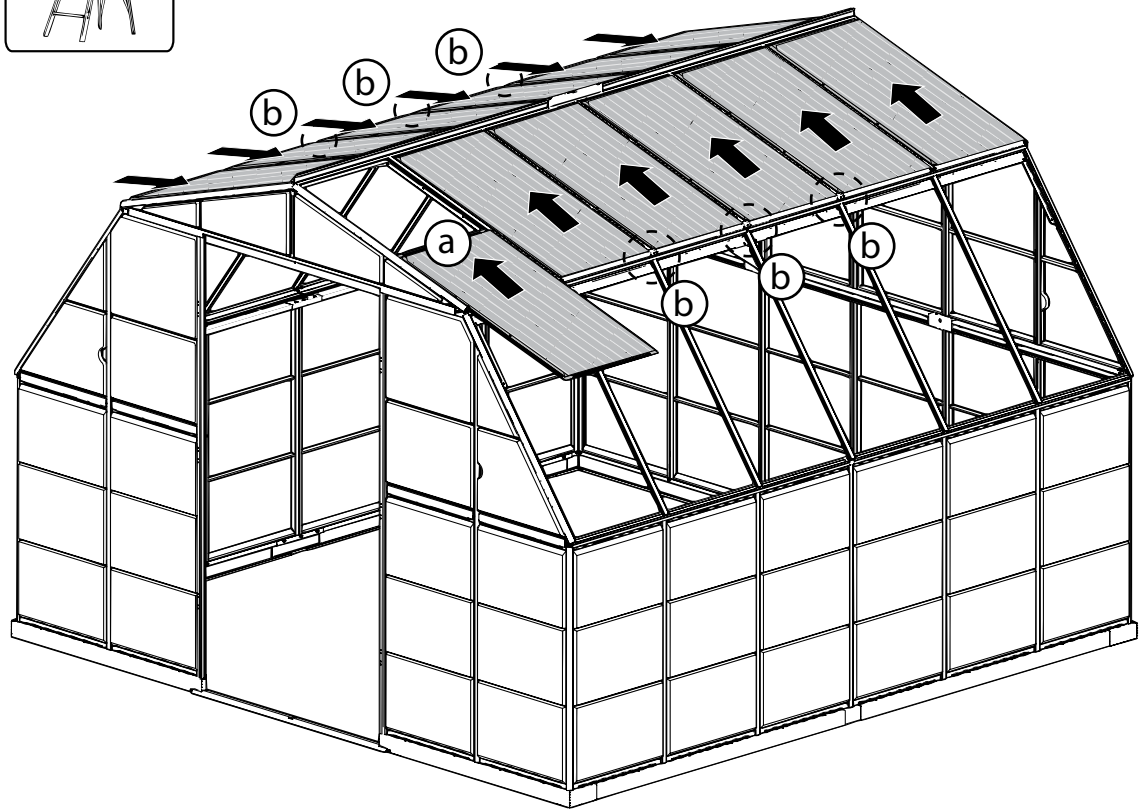


581 + 318 + 981 ..... 

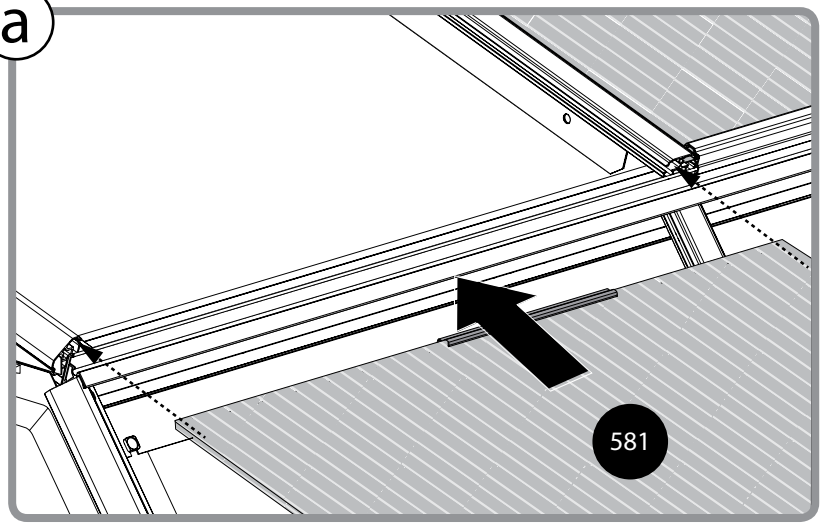
..... 12

329 .....  6

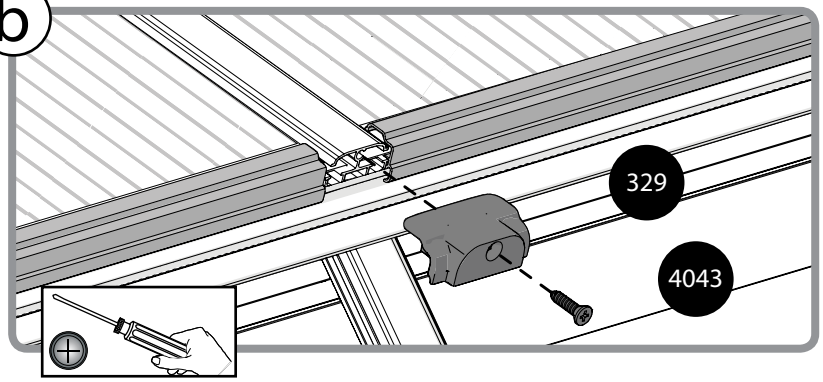
4043 .....  6

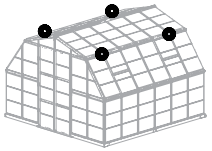


a

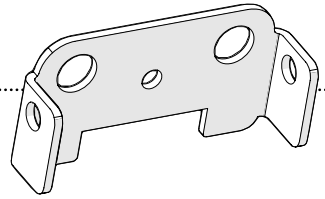


b

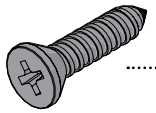




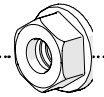
7329 4



4043 4



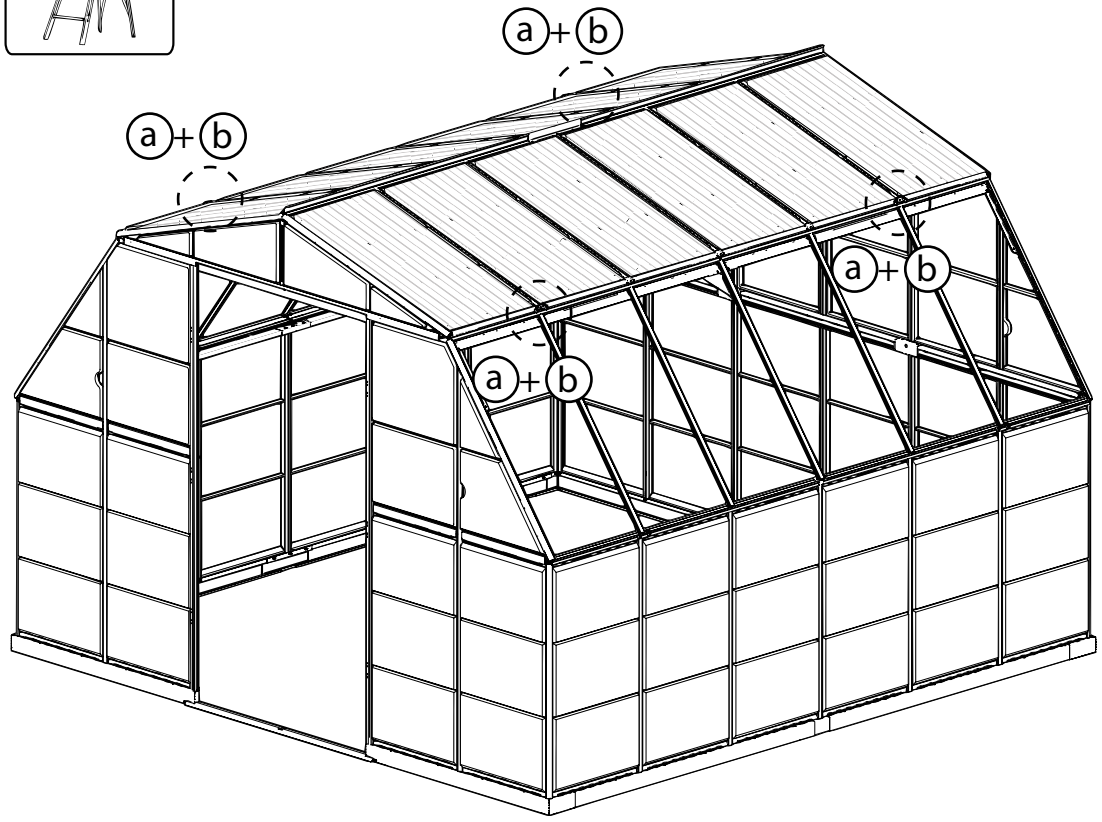
466 4



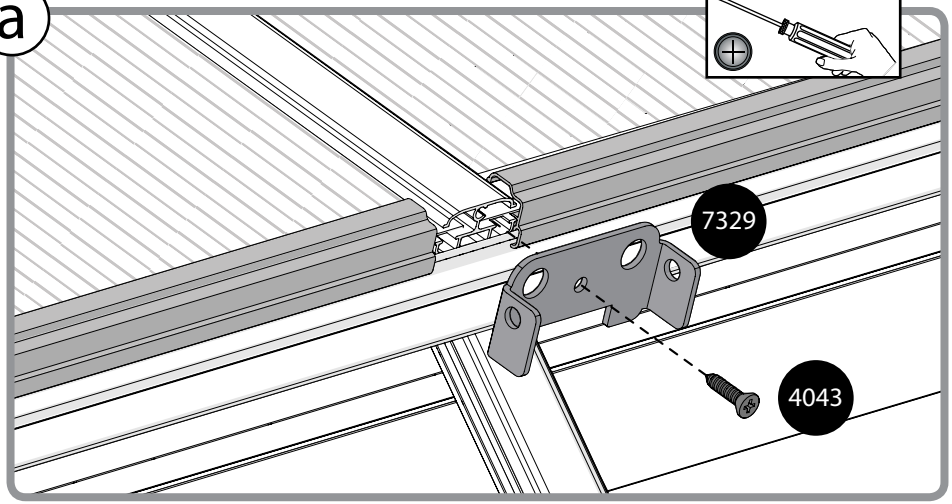
M6

7224 4

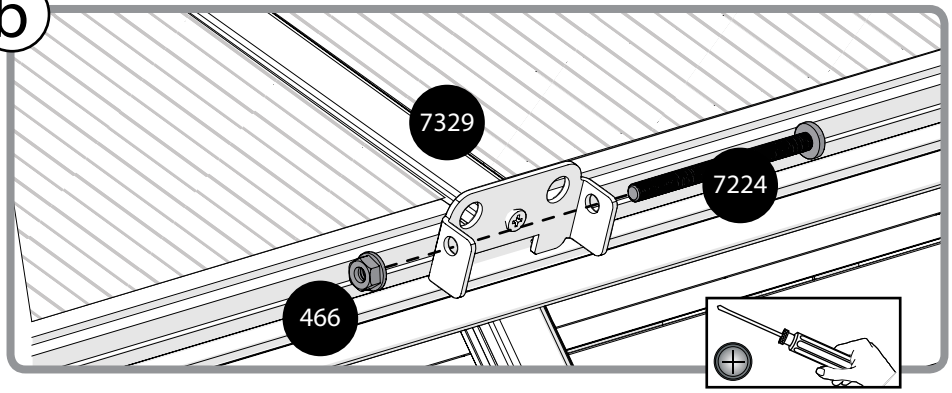
M6

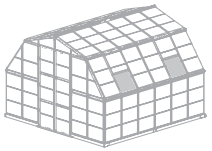


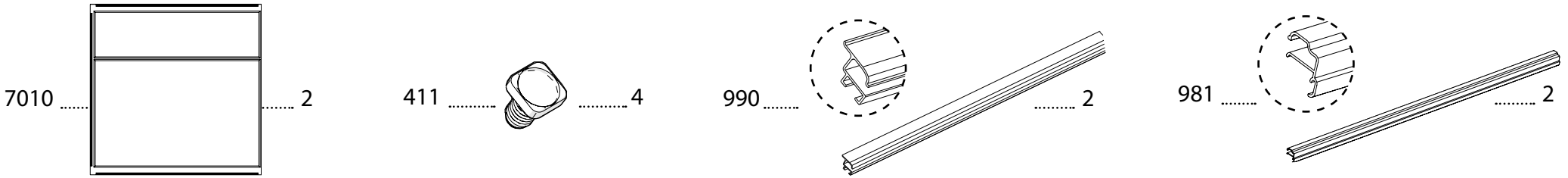
a

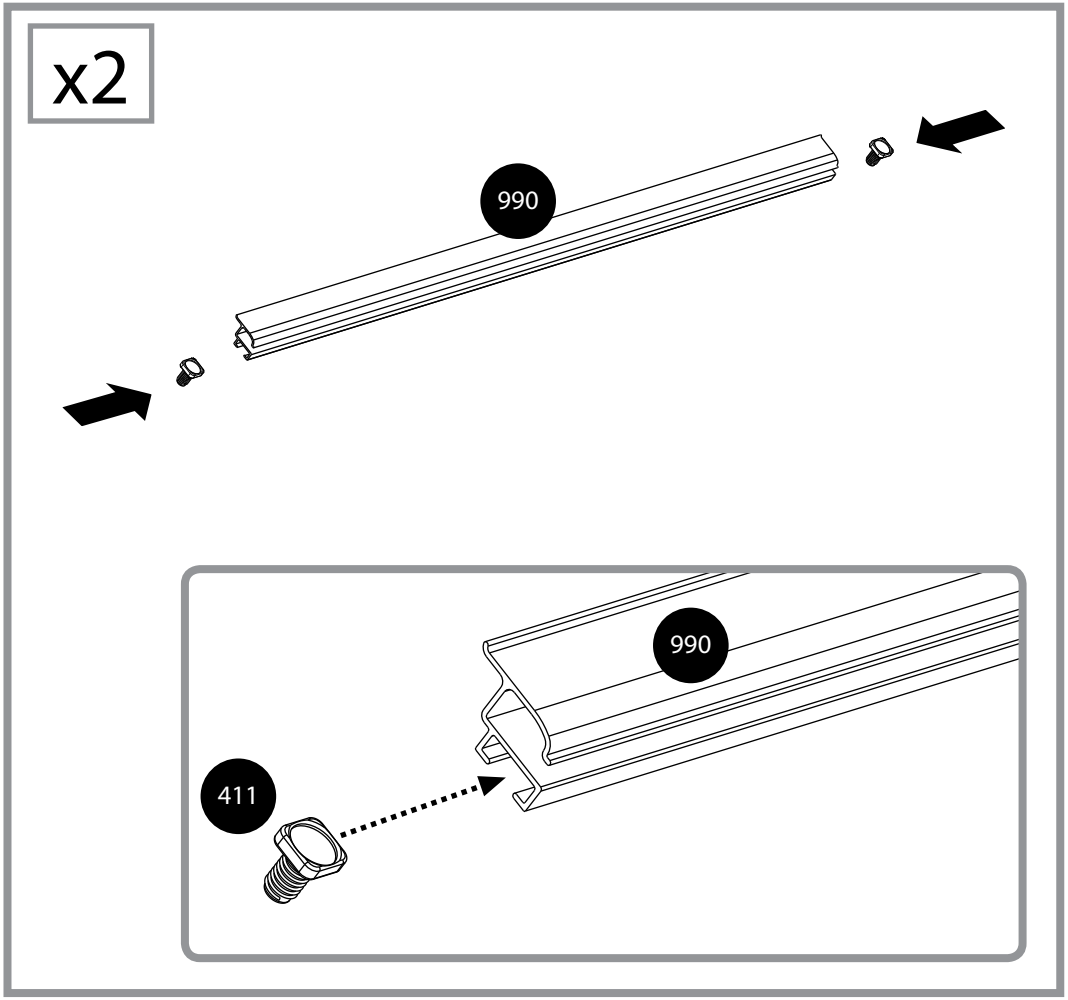


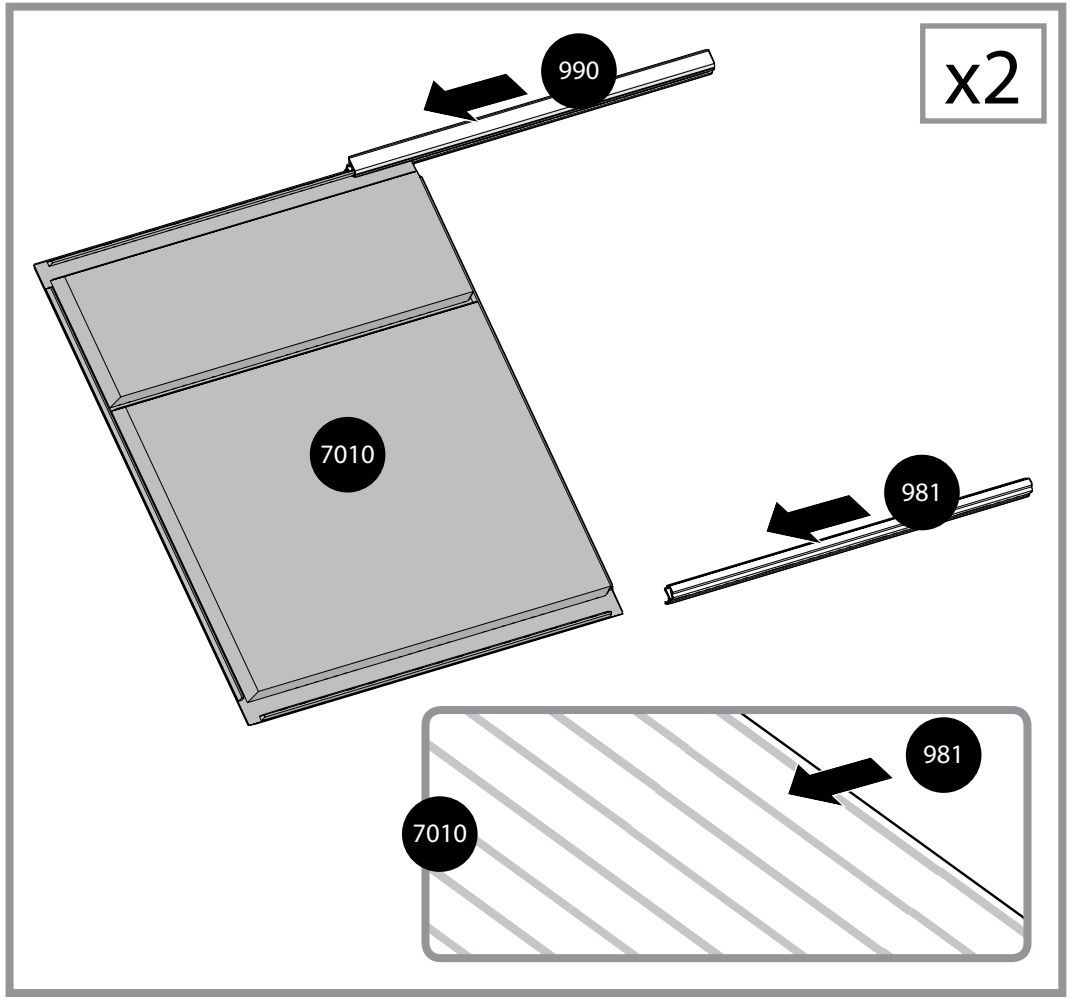
b

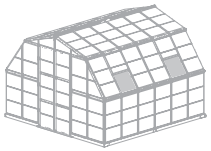


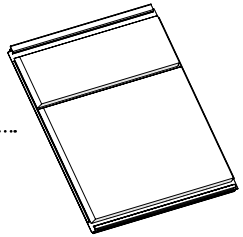


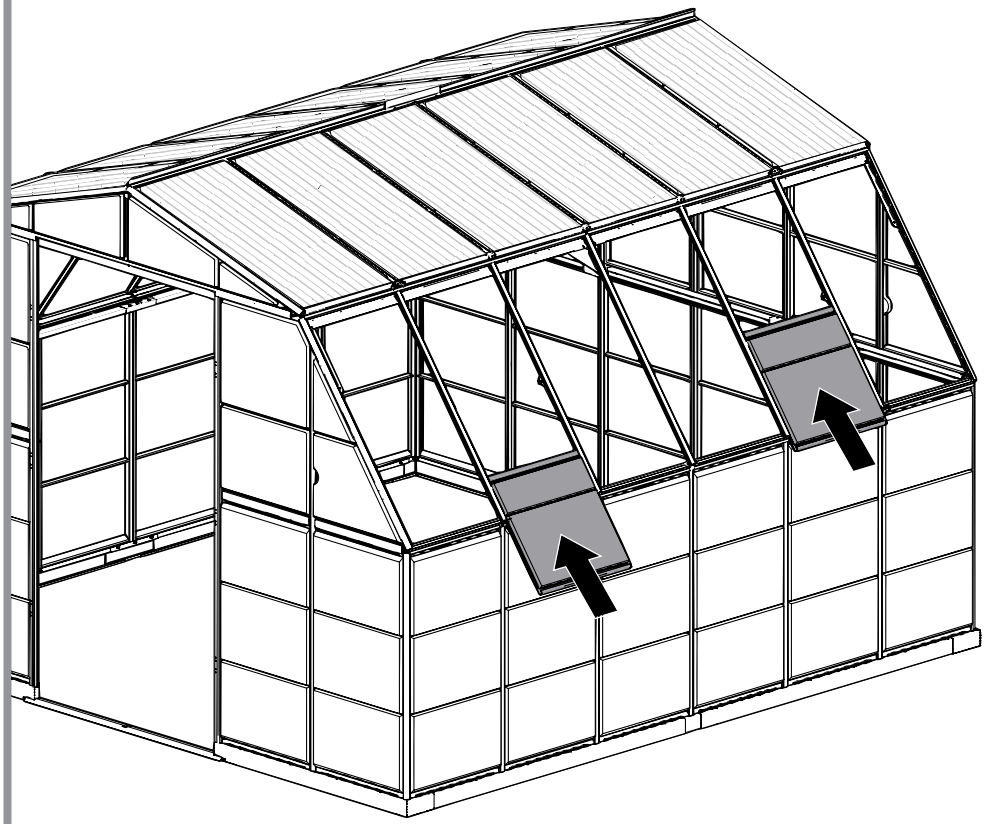

7010
2
411
4
990
2
981
2

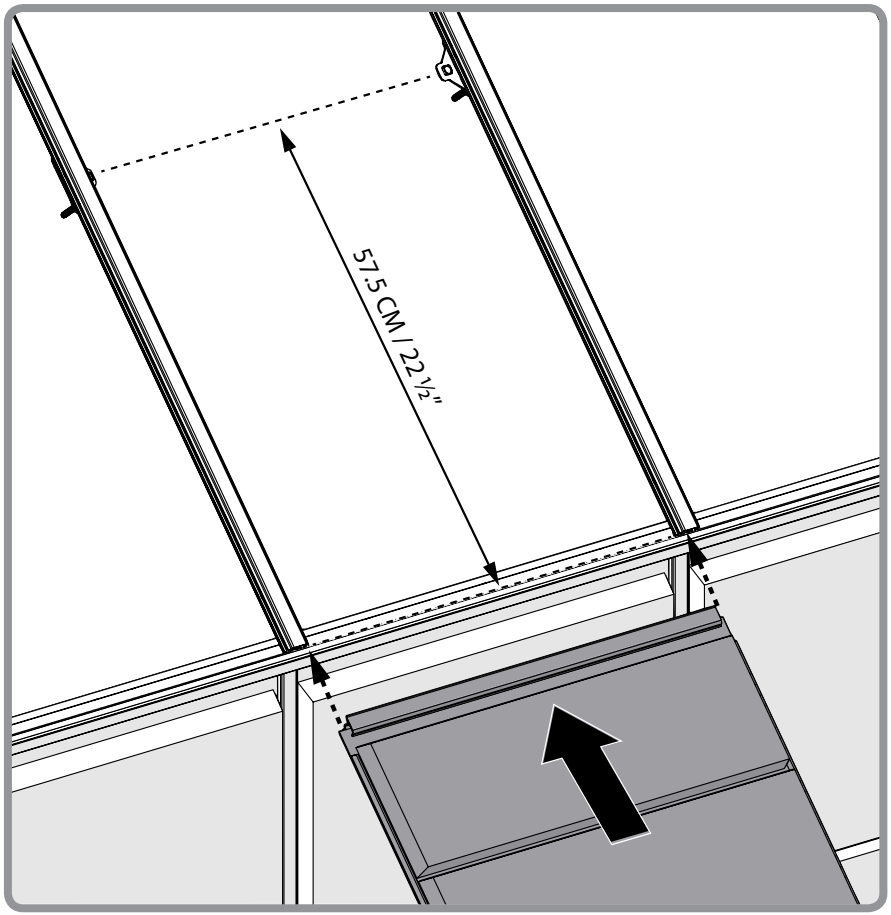

x2
990
990
411


x2
990
7010
981
981
7010

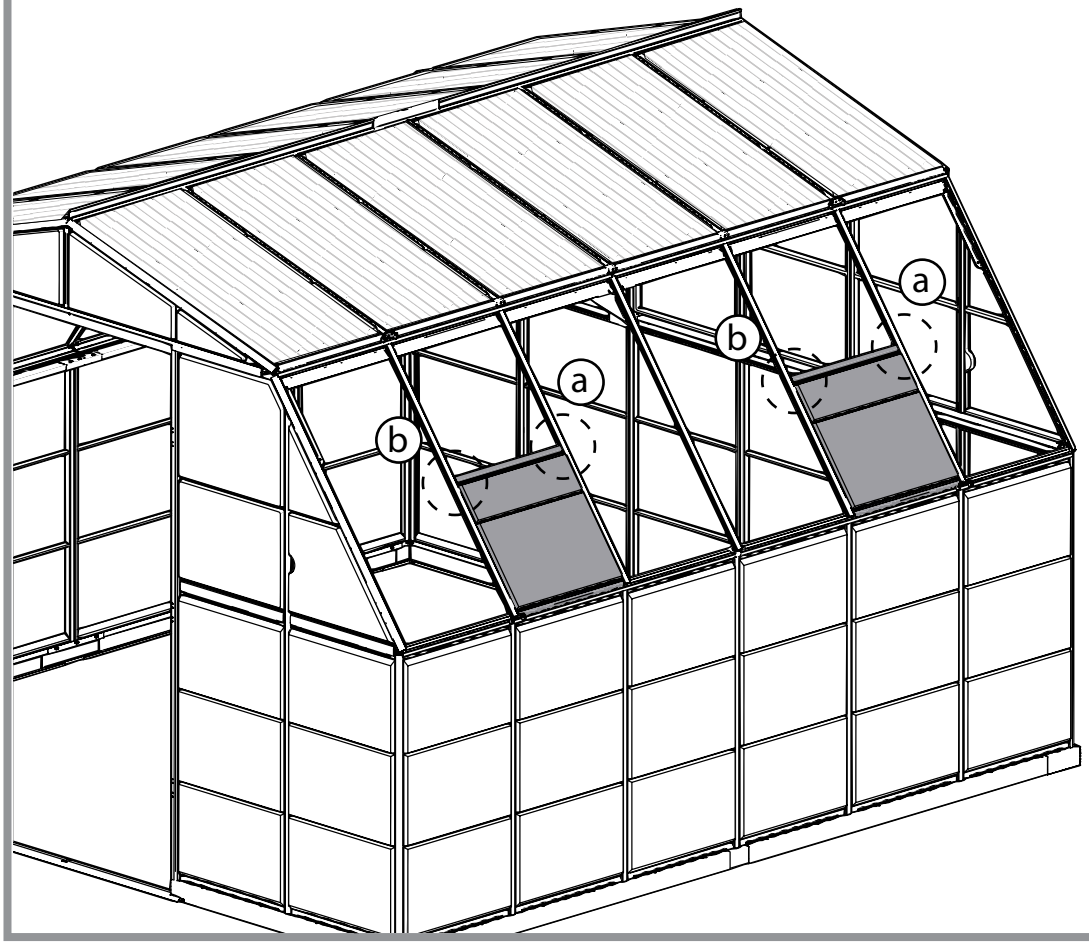


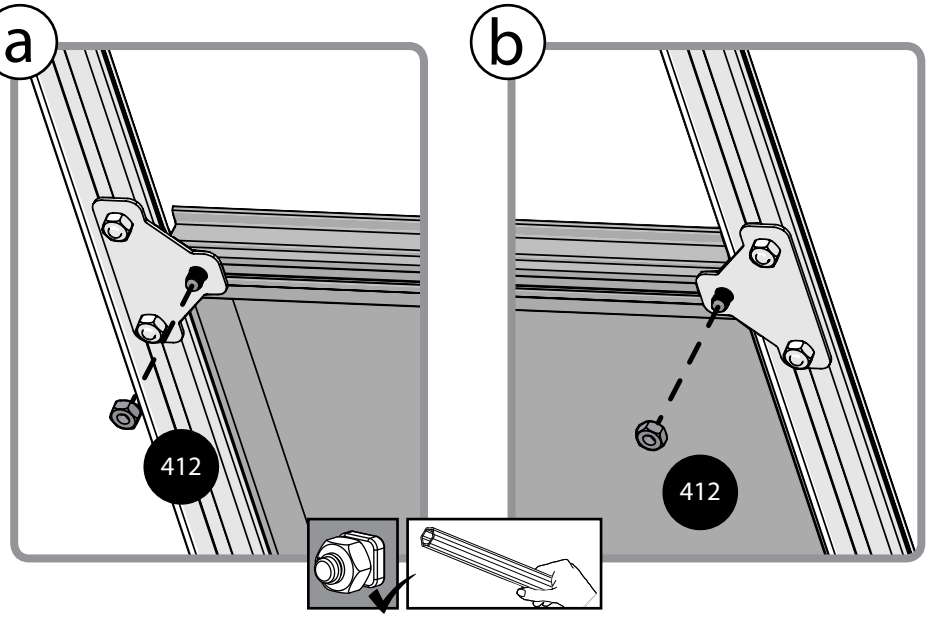
7010 + 990 + 981 .....  2

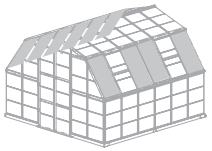


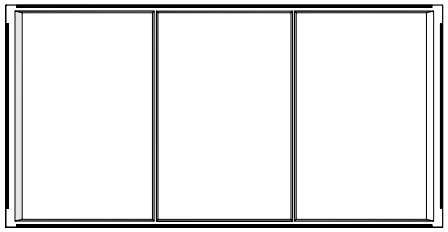


412 4



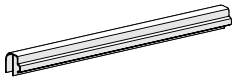






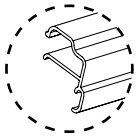
7011 10

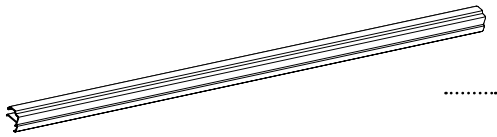
318 PVC .....



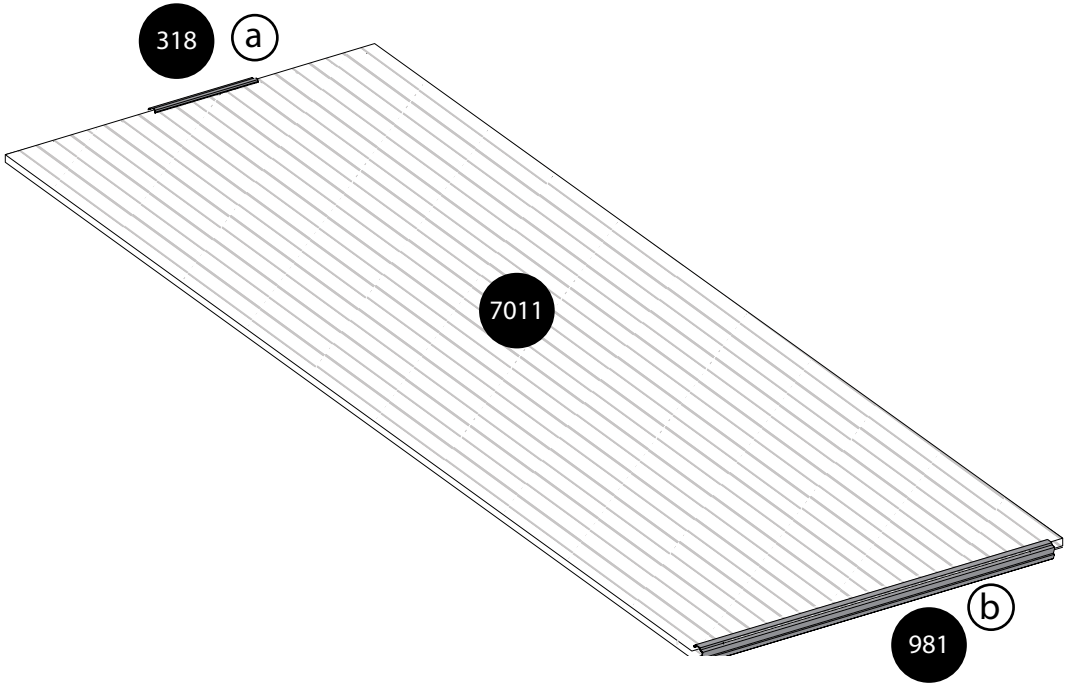
..... 10

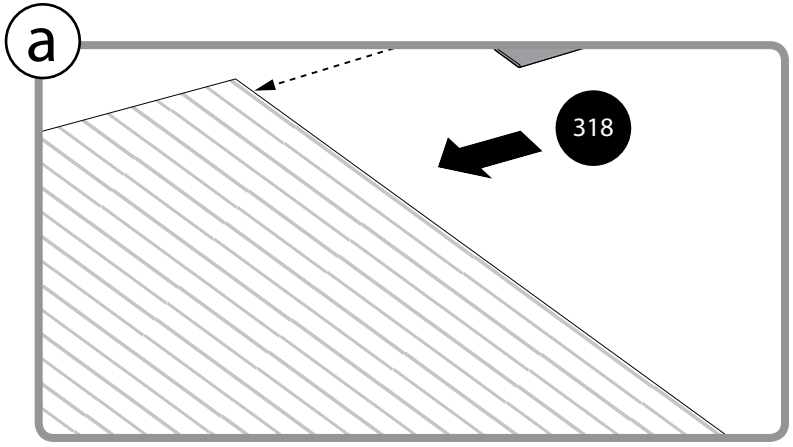
981 .....

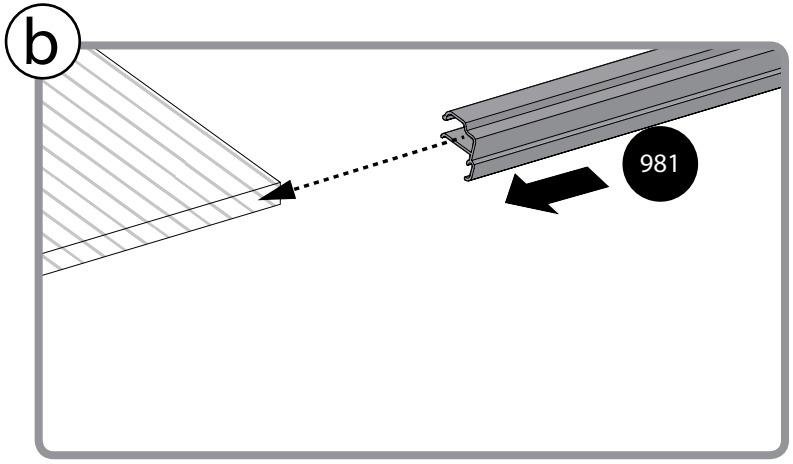


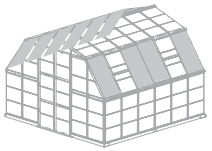


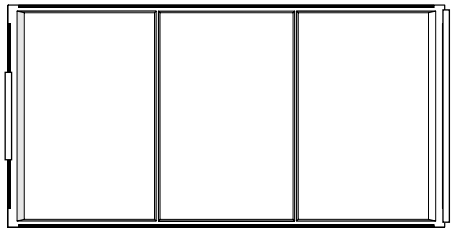
..... 10

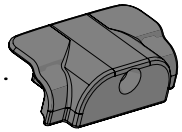


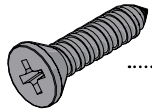


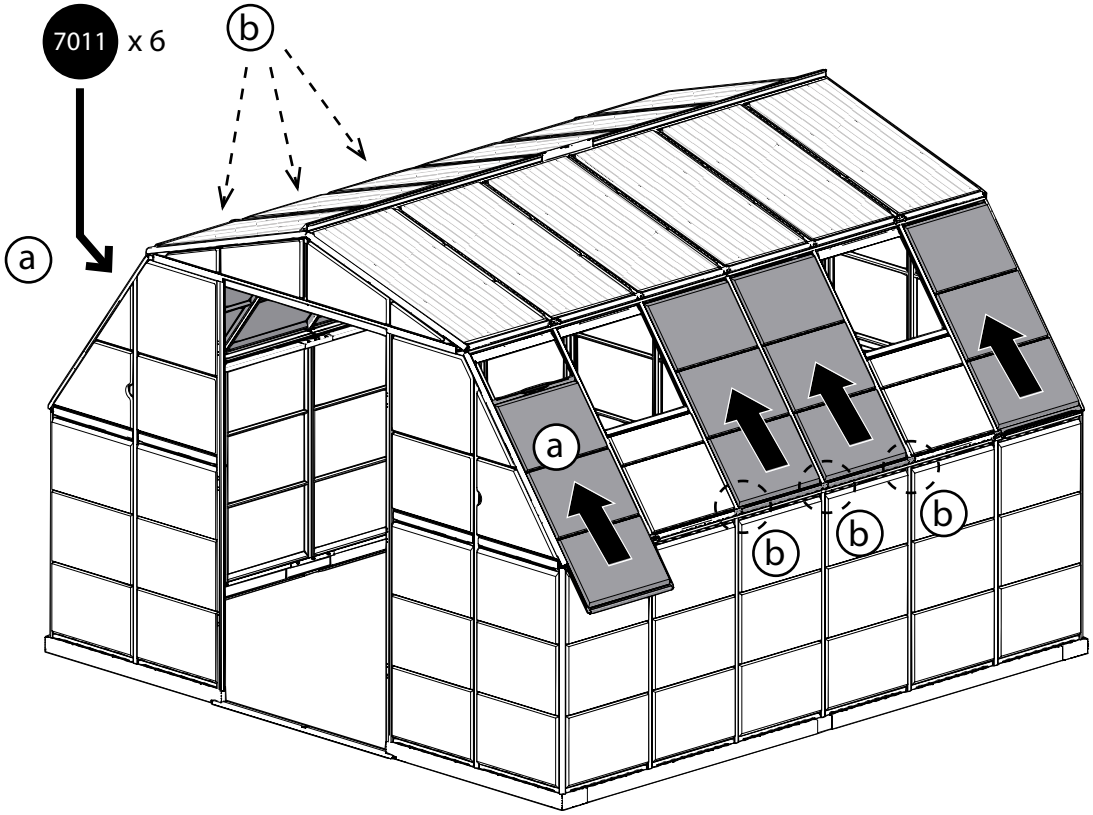




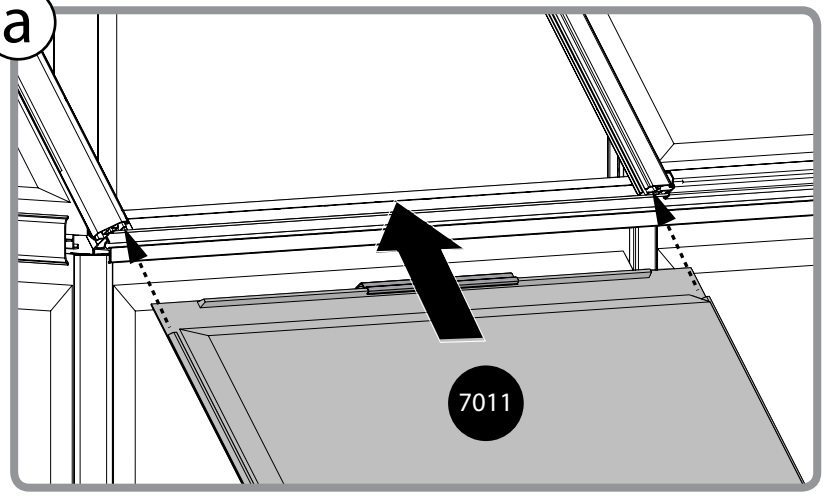
7011 + 318 + 981 .....  10

329 .....  6

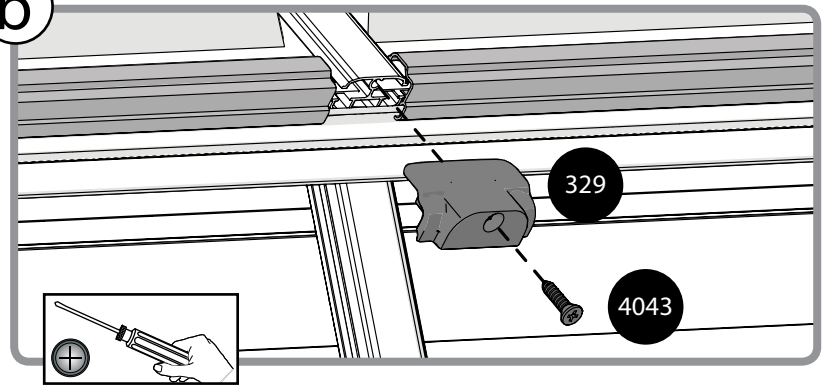
4043 .....  6

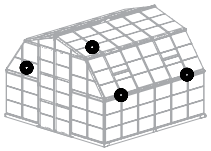


a

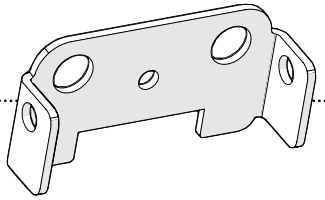


b

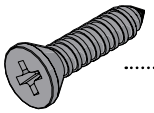




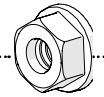
7329 4



4043 4



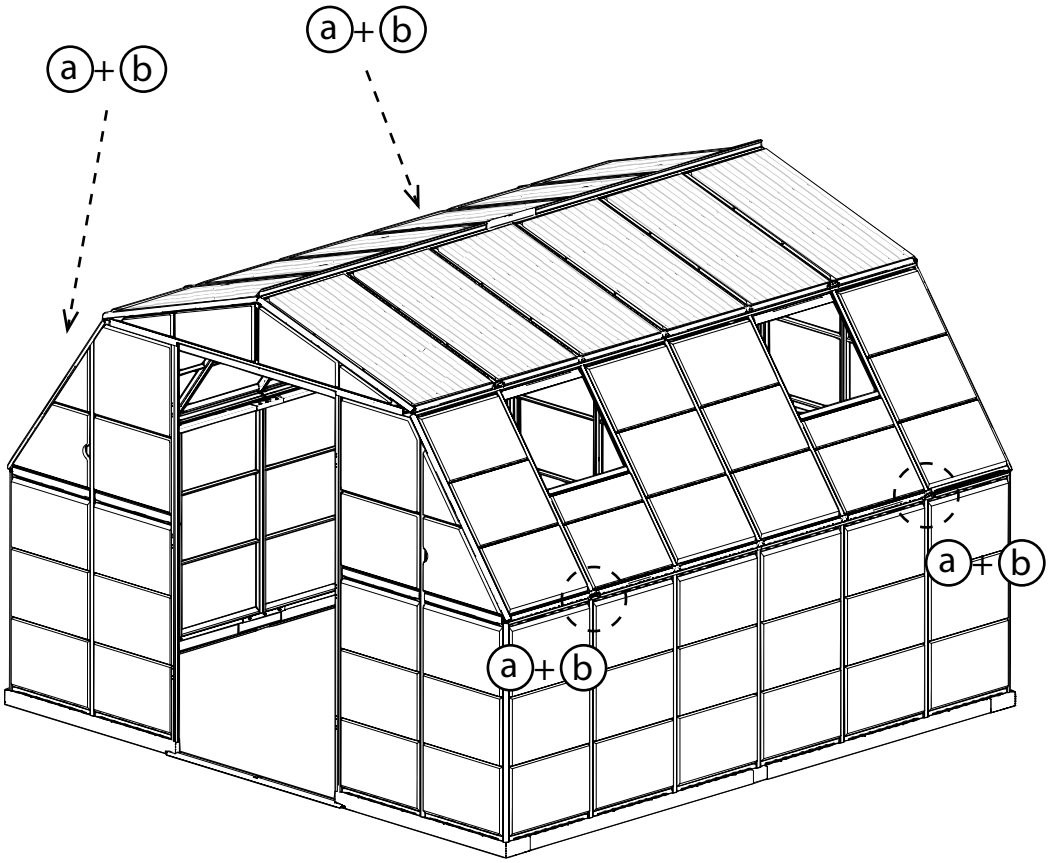
466 4



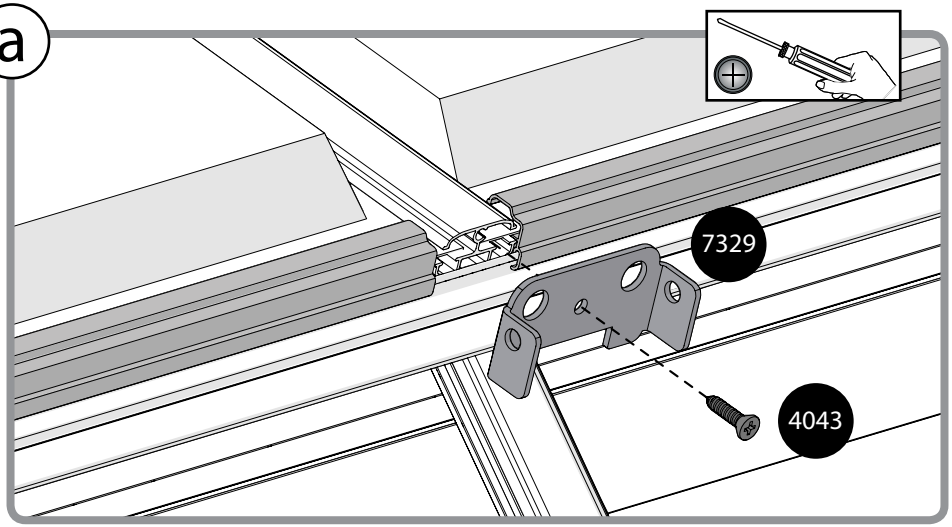
M6

7224 4

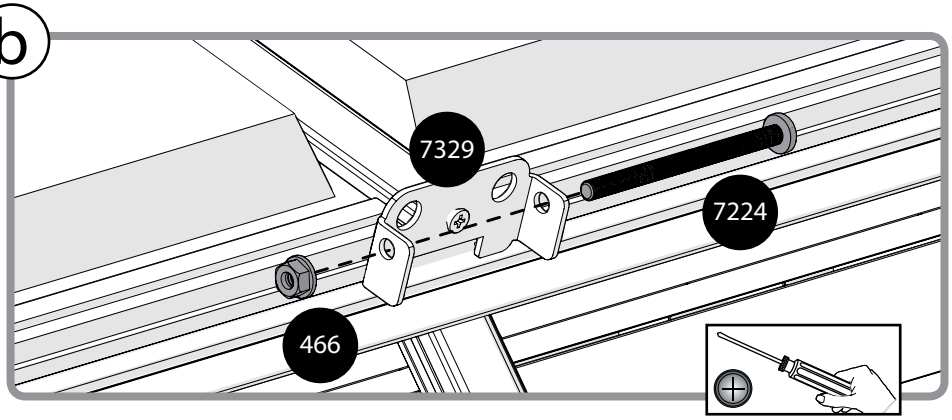
M6

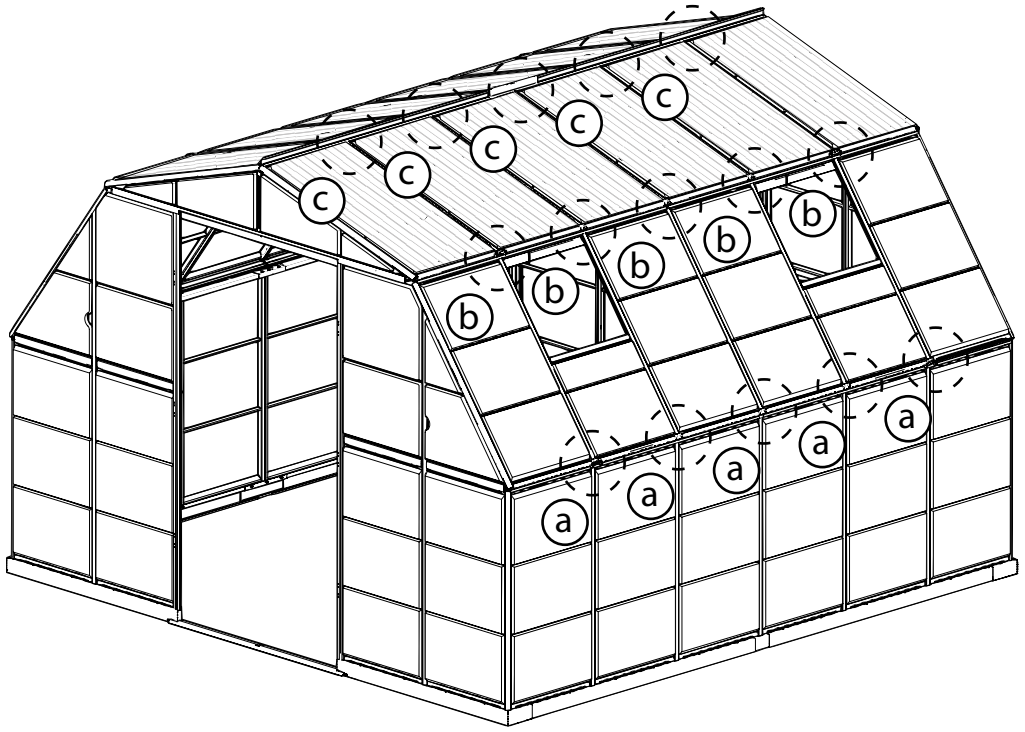


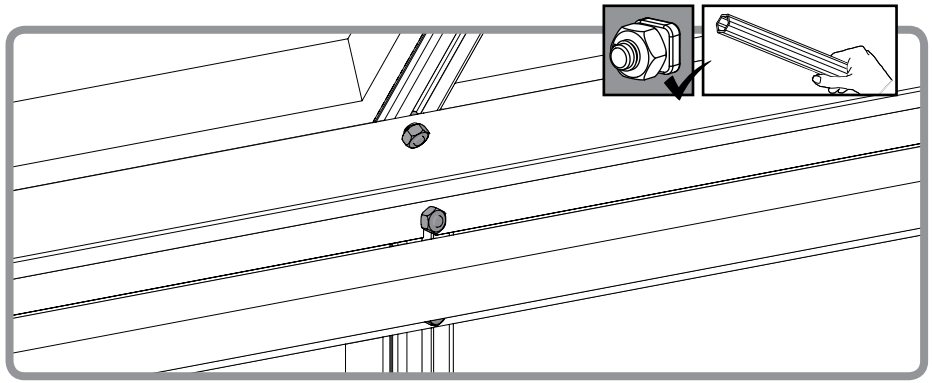
a



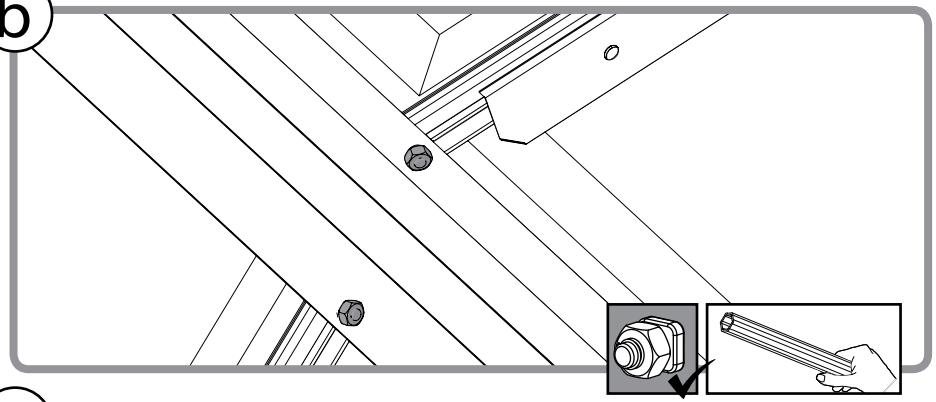
b



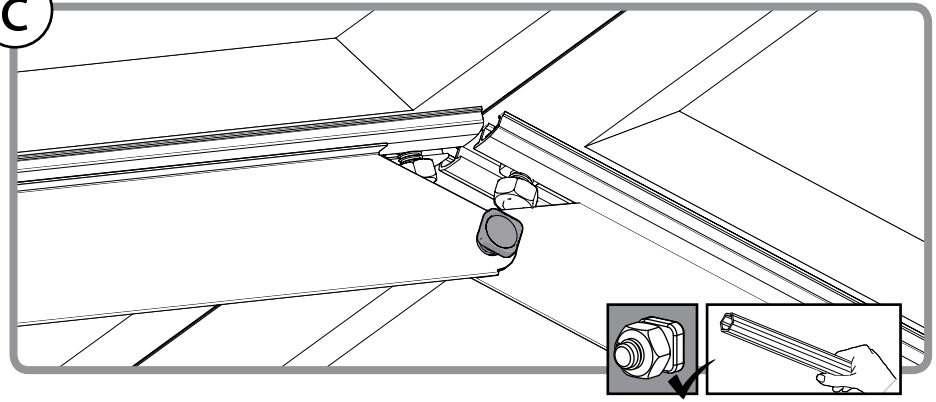


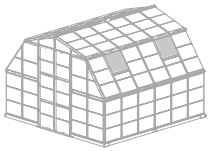


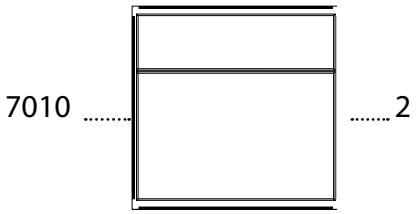
b



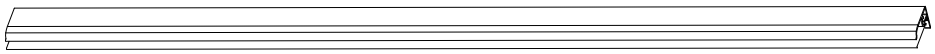
c

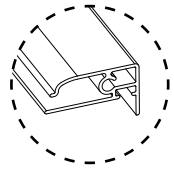


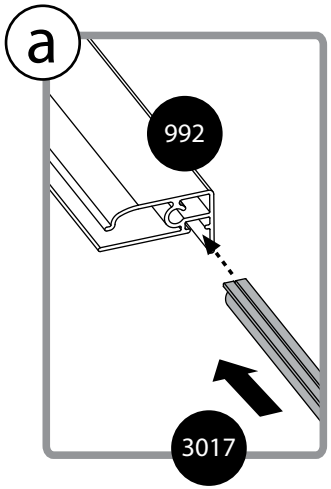


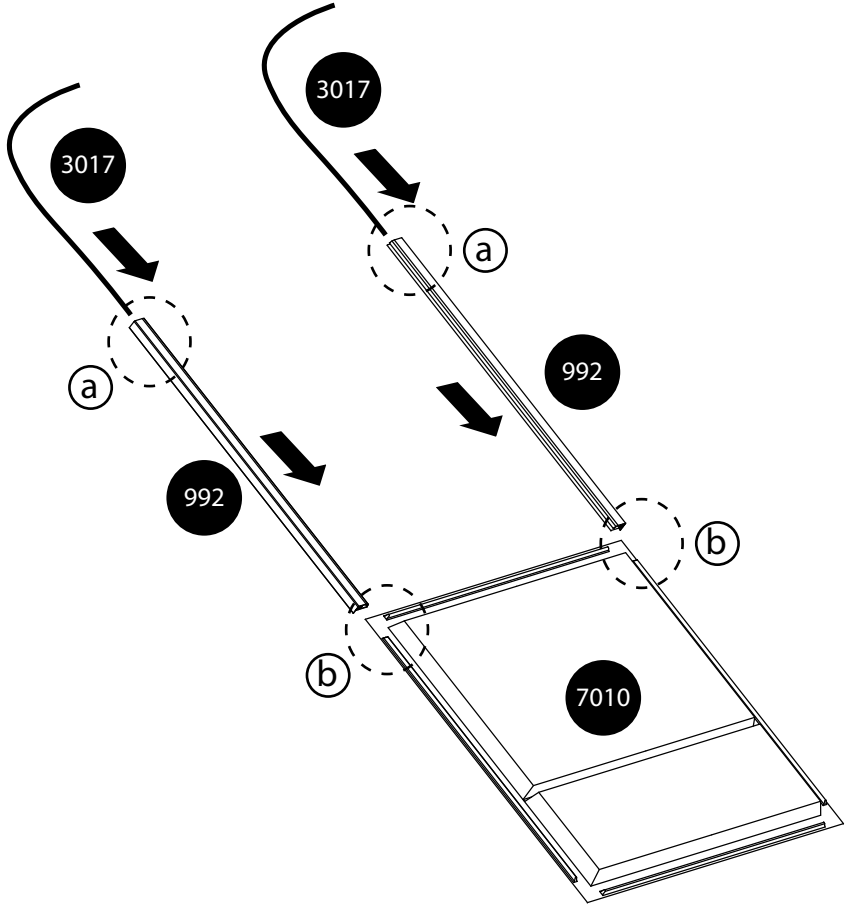

7010
2

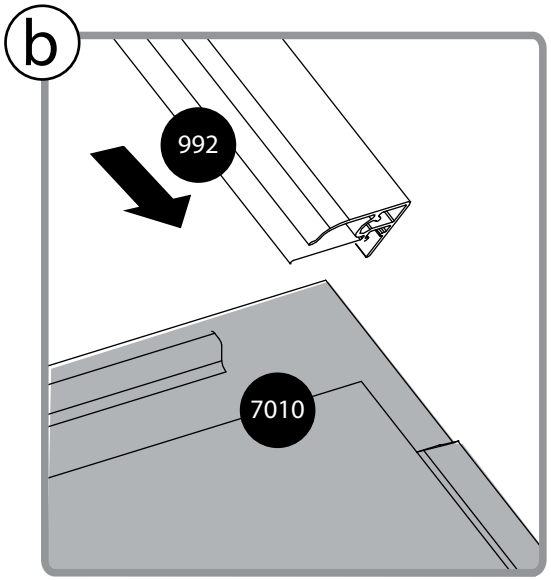
3017
4


992

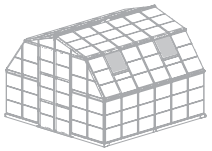

4


a
992
3017


3017
3017
a
a
992
992
b
b
7010


b
992
7010

x2



991 2

989 2

4008 8

a

991

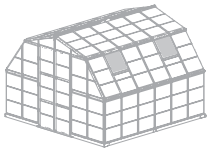
4008

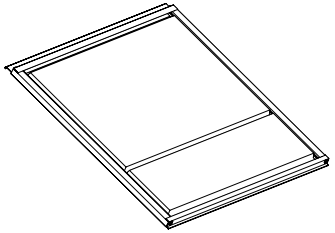
x2

989

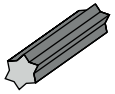
a

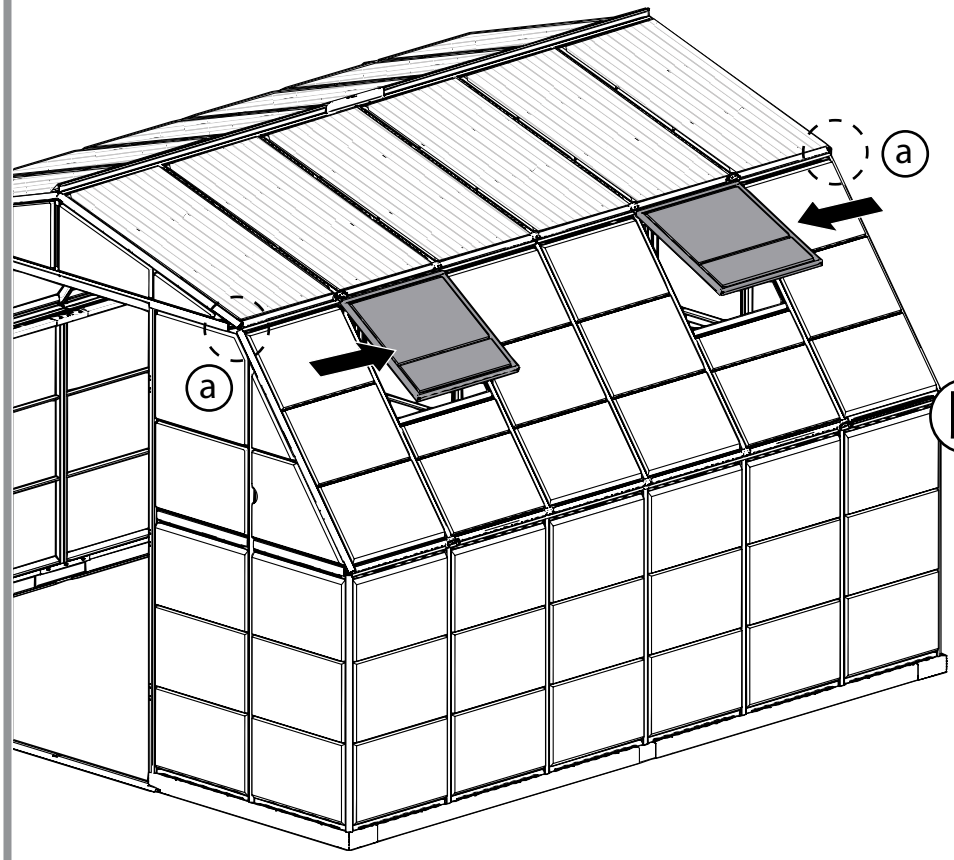
991



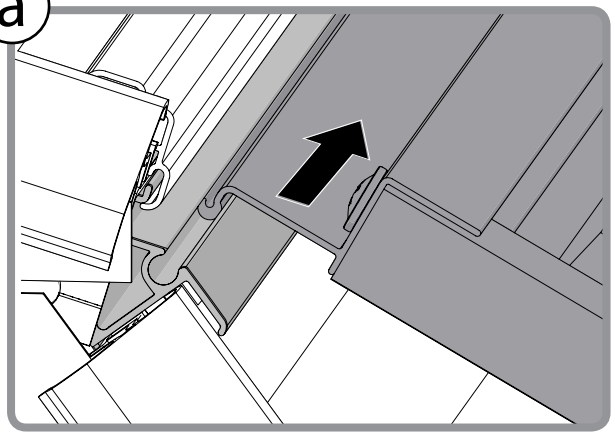


..... 2

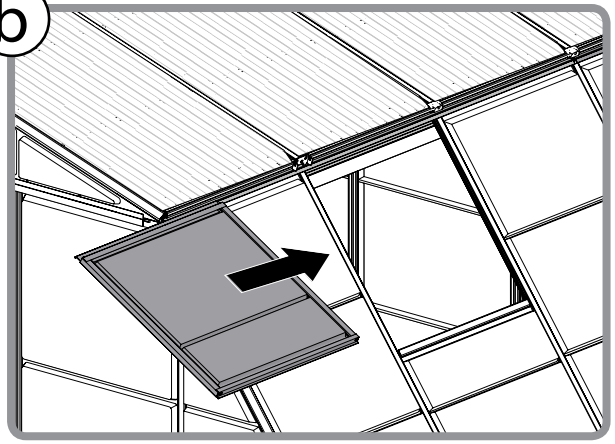
7009 .....  4



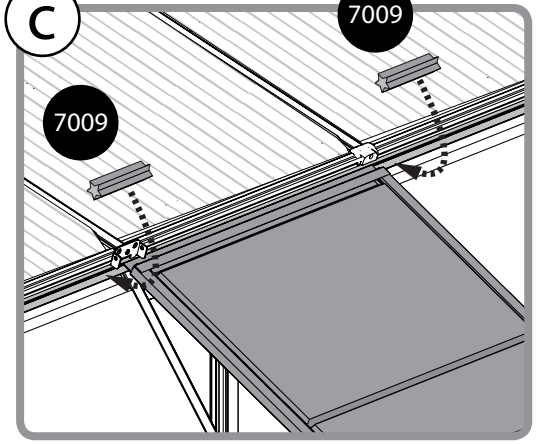
a

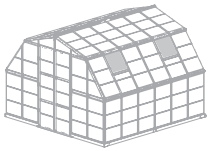


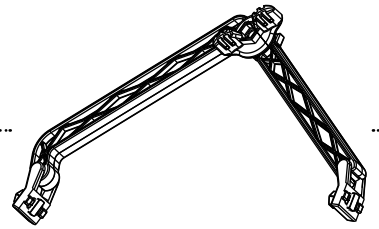
b

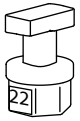


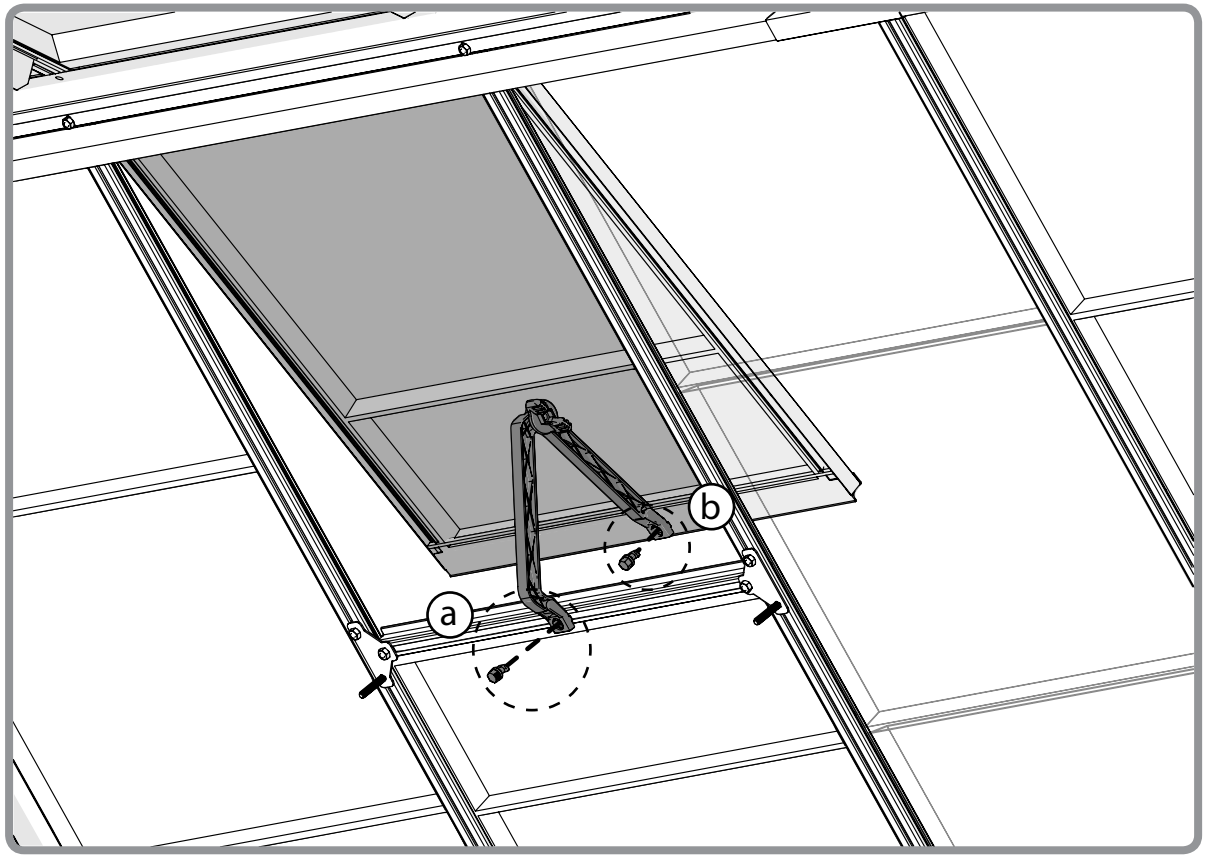
c



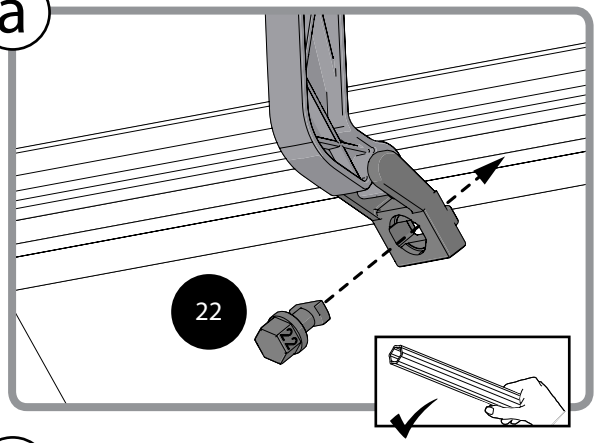


99 .....  2

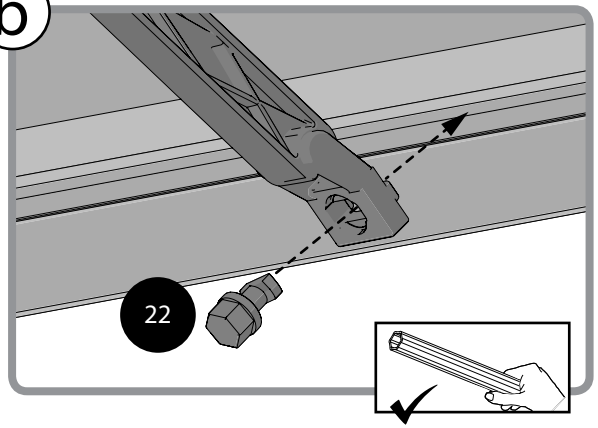
22 .....  4

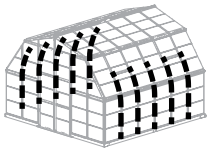


a

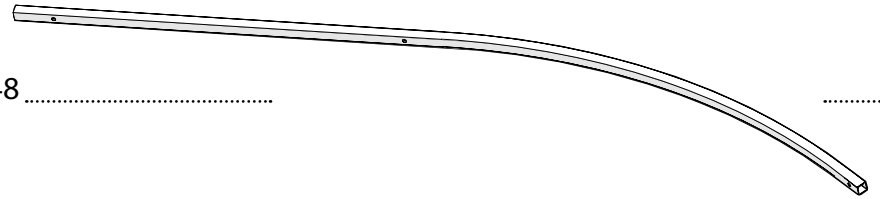


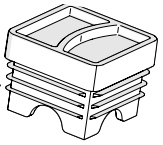
b

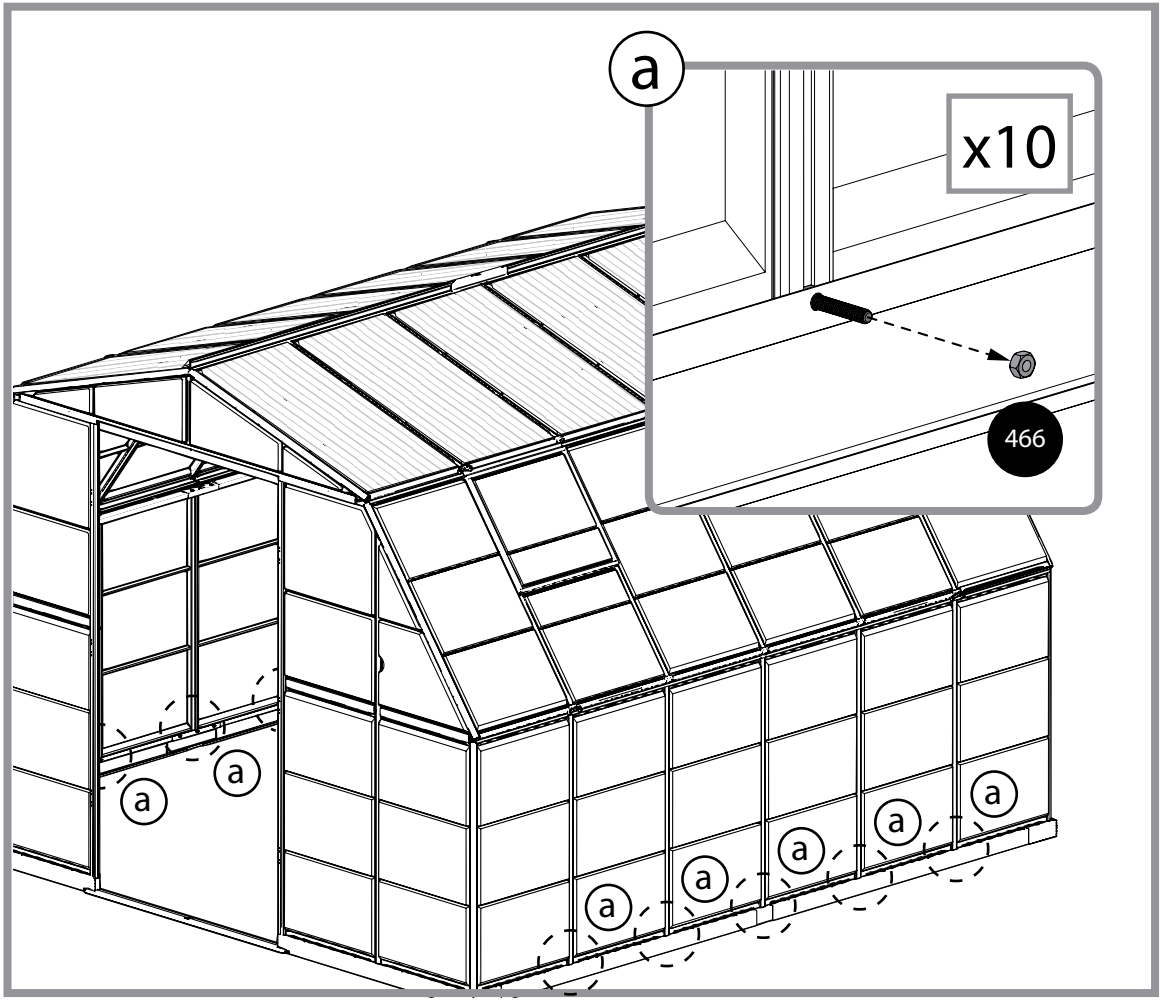


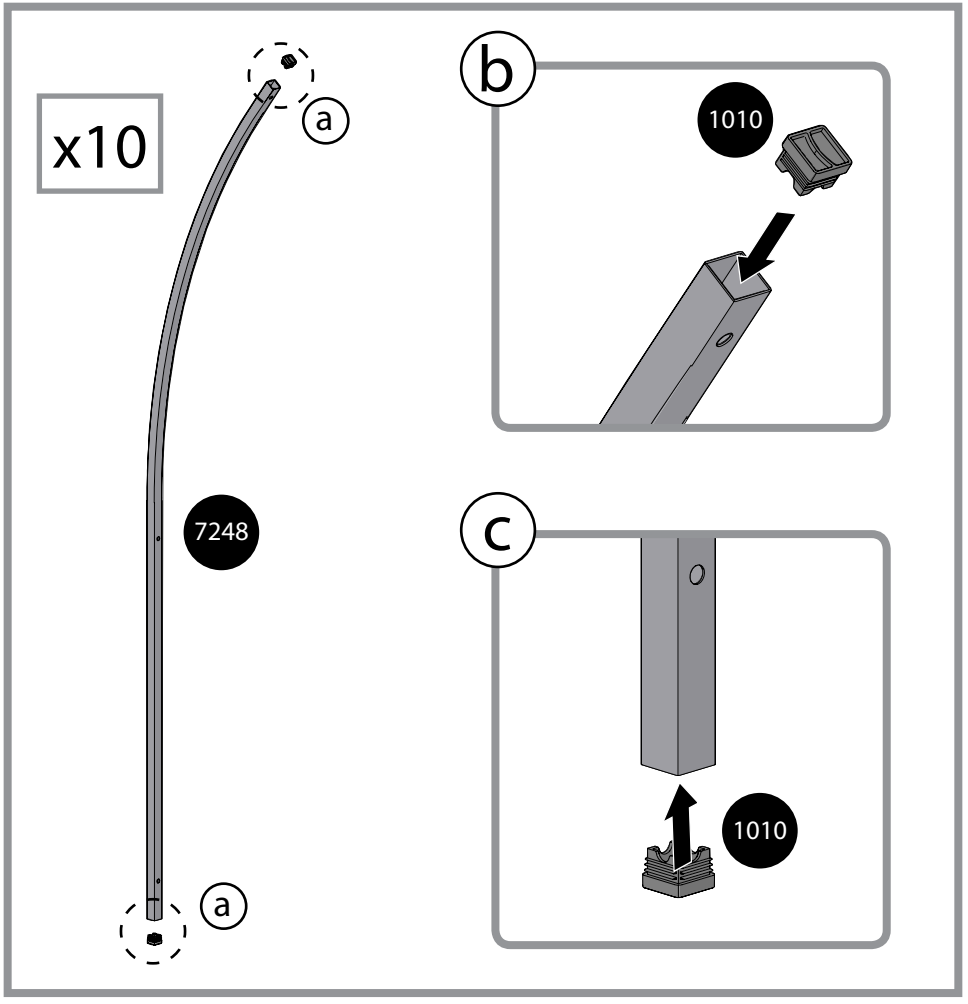


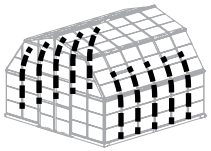
7248 10



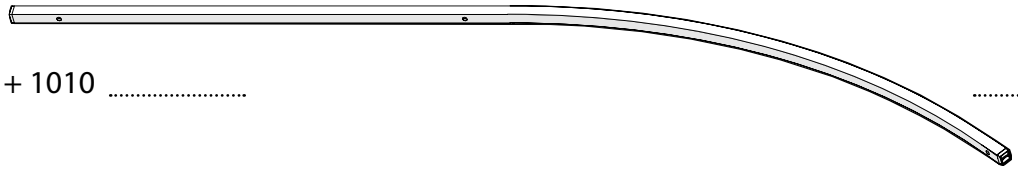
1010 .....  20



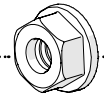


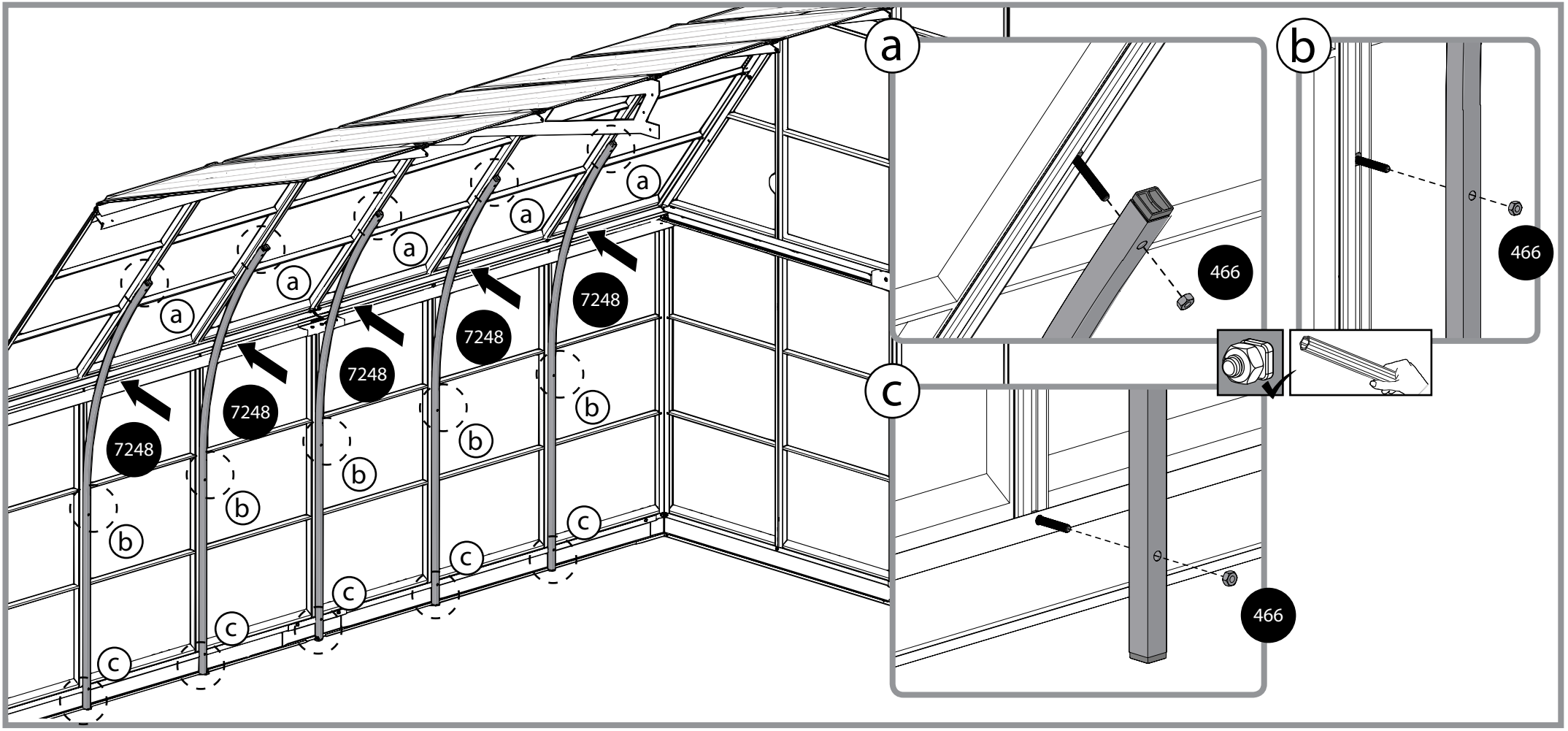


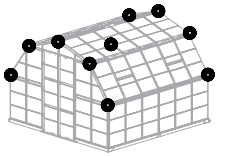
7248 + 1010 10

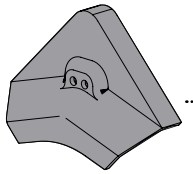


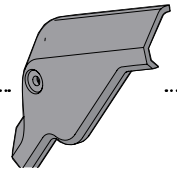
466 30

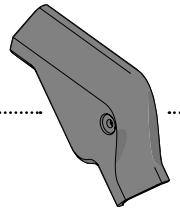


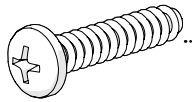




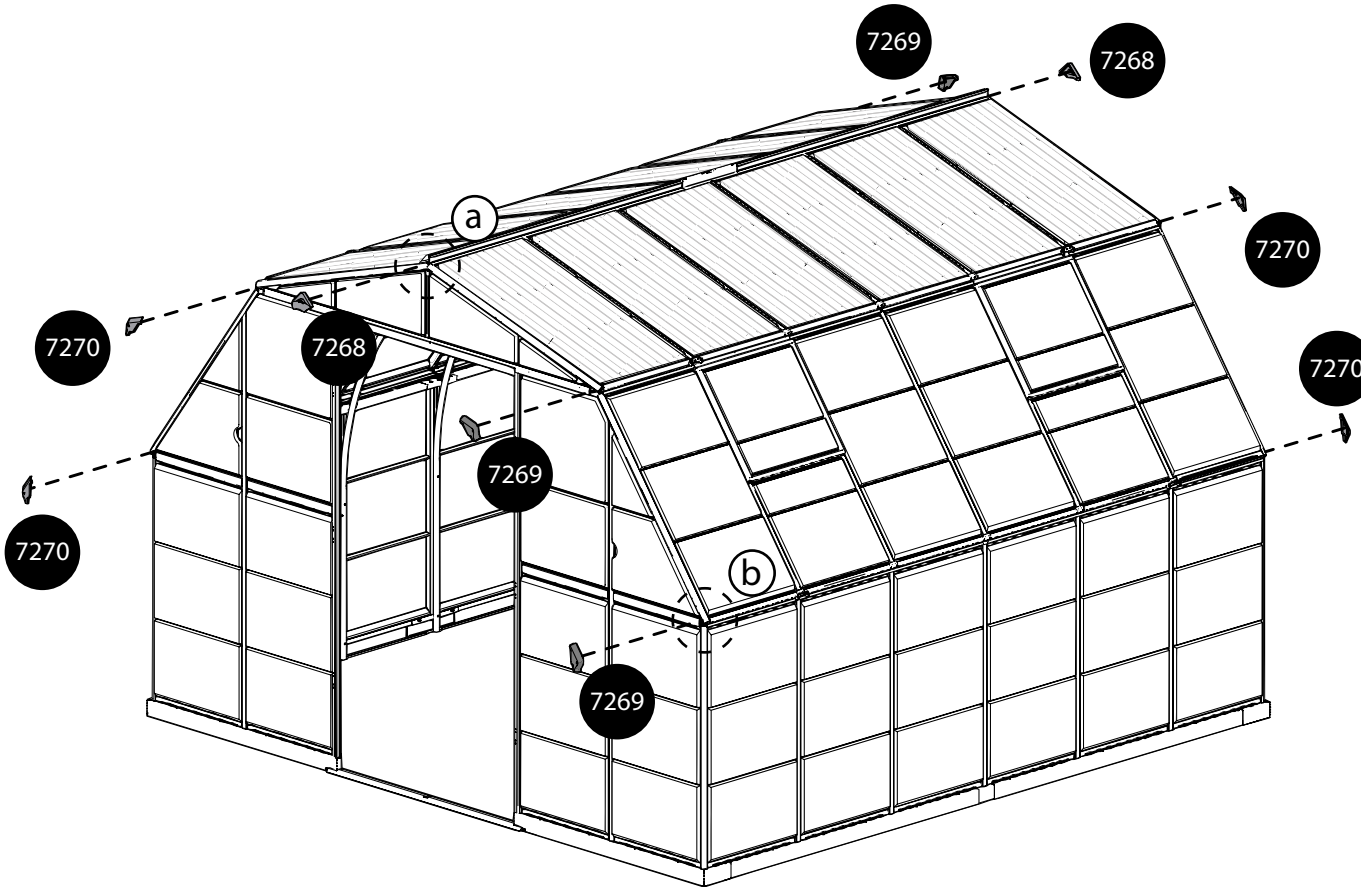
7268 .....  2

7270 .....  4

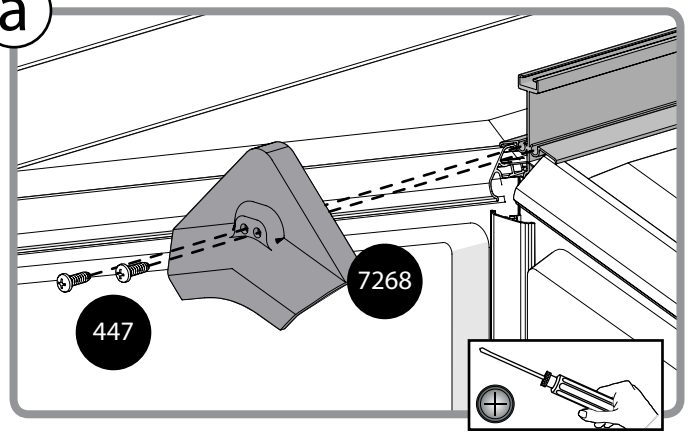
7269 .....  4

4026 .....  8

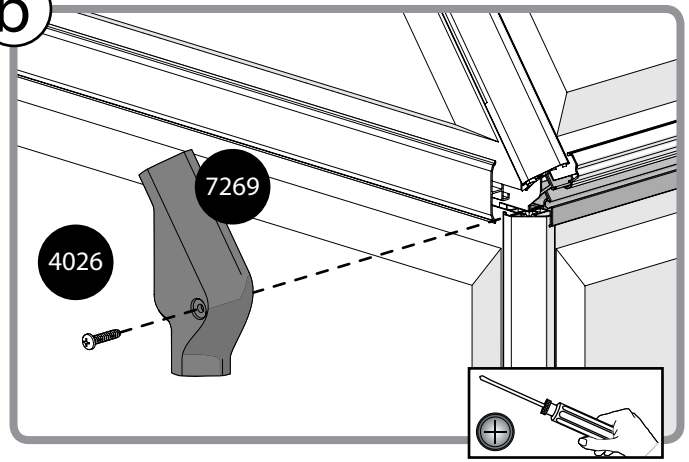
447 4

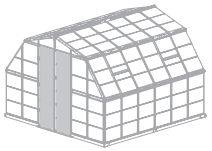


a



b

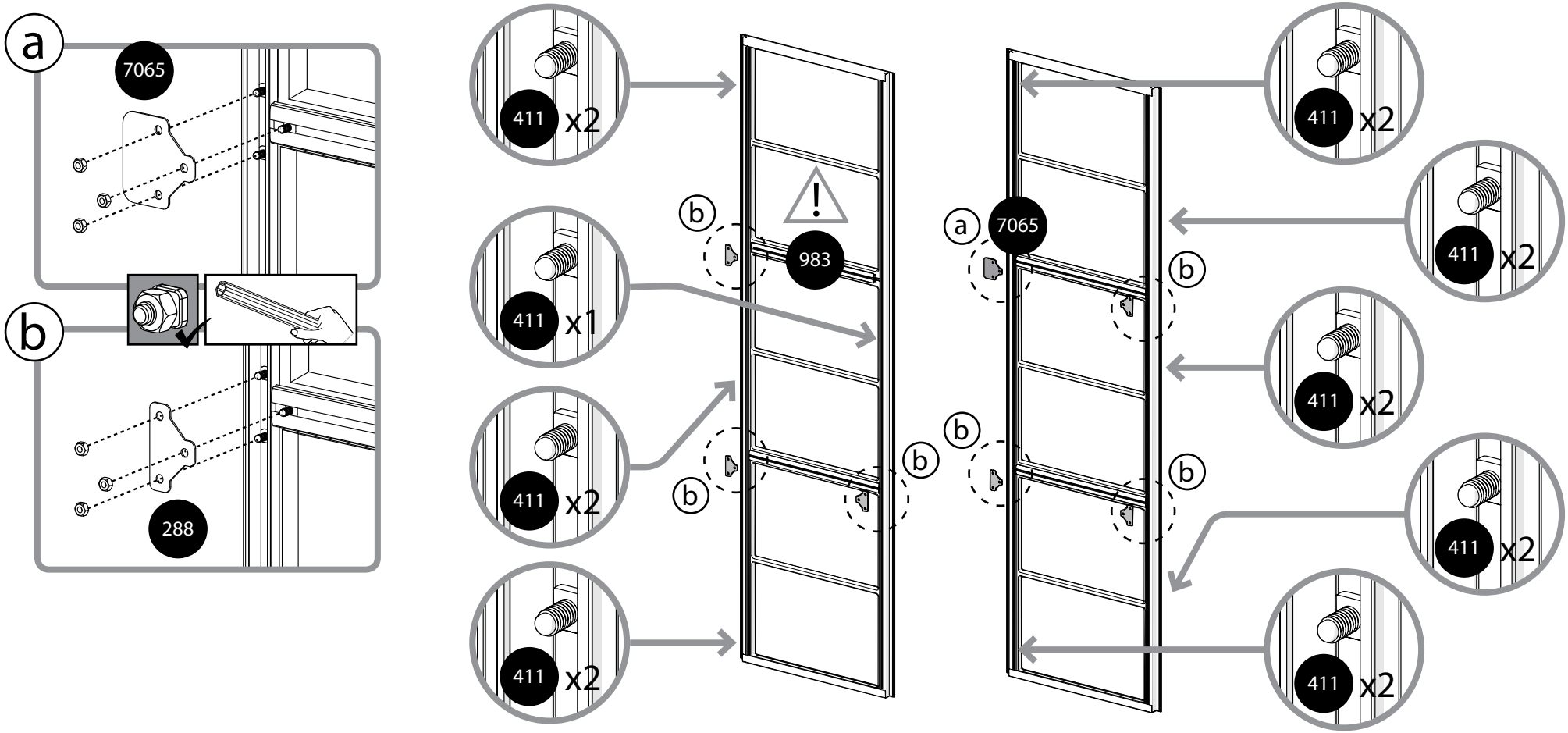


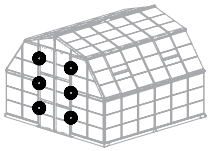


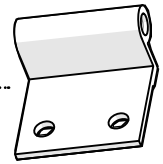
288 6

7065 1

412 21



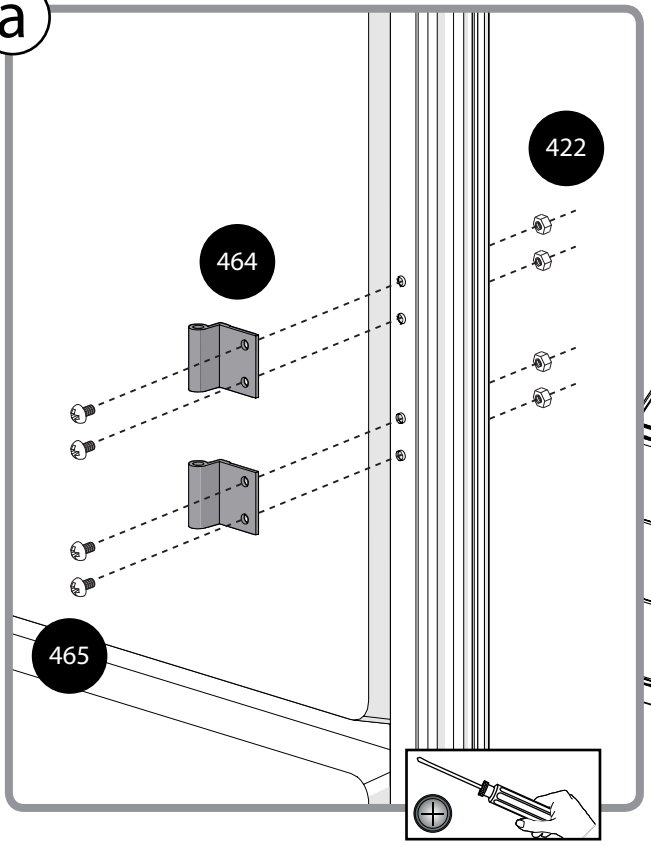


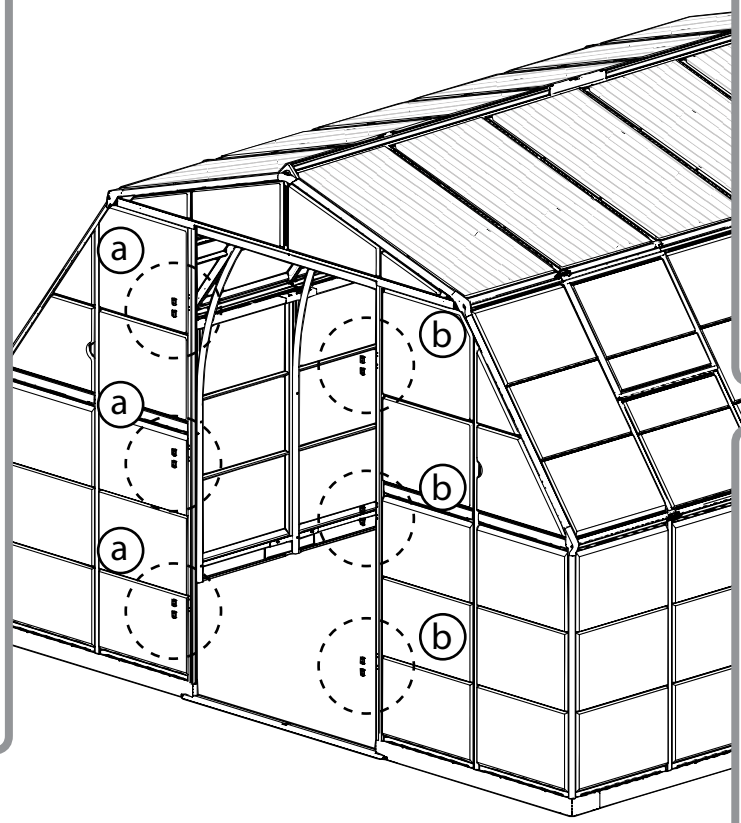
464 .....  12

465 24
M4

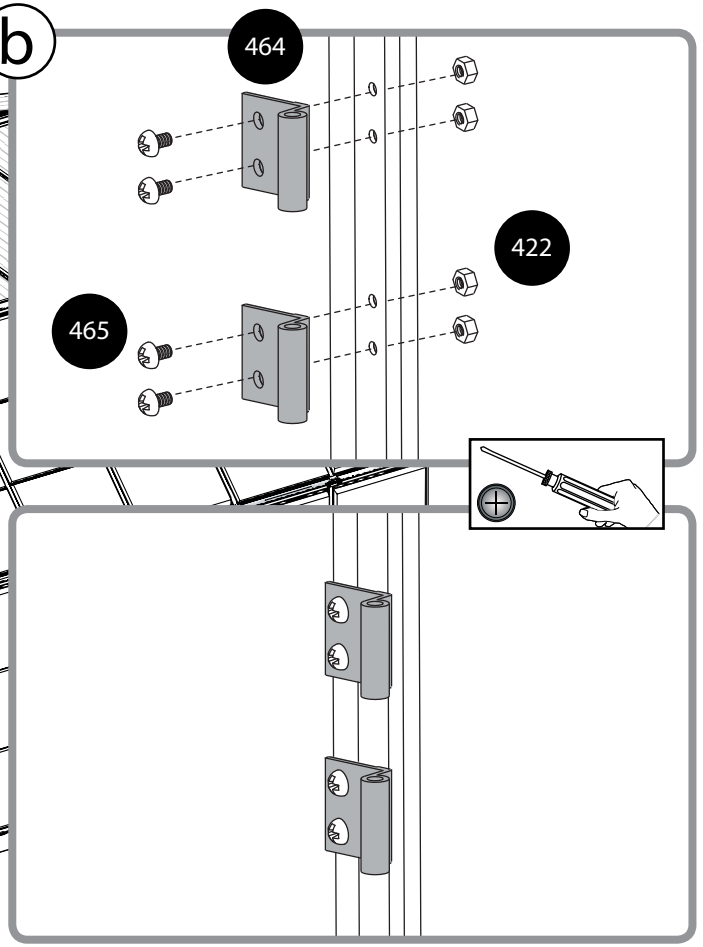
422 24
M4

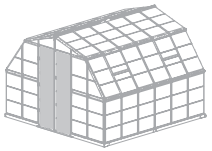
a

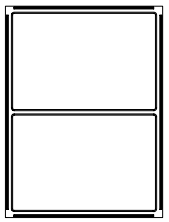




b



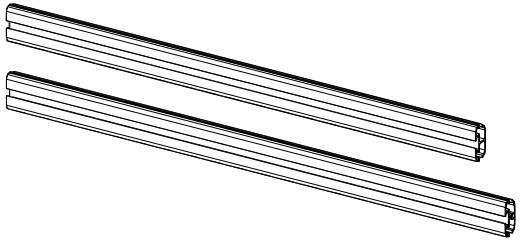




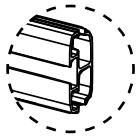
7250 6

983 .....

7068 .....



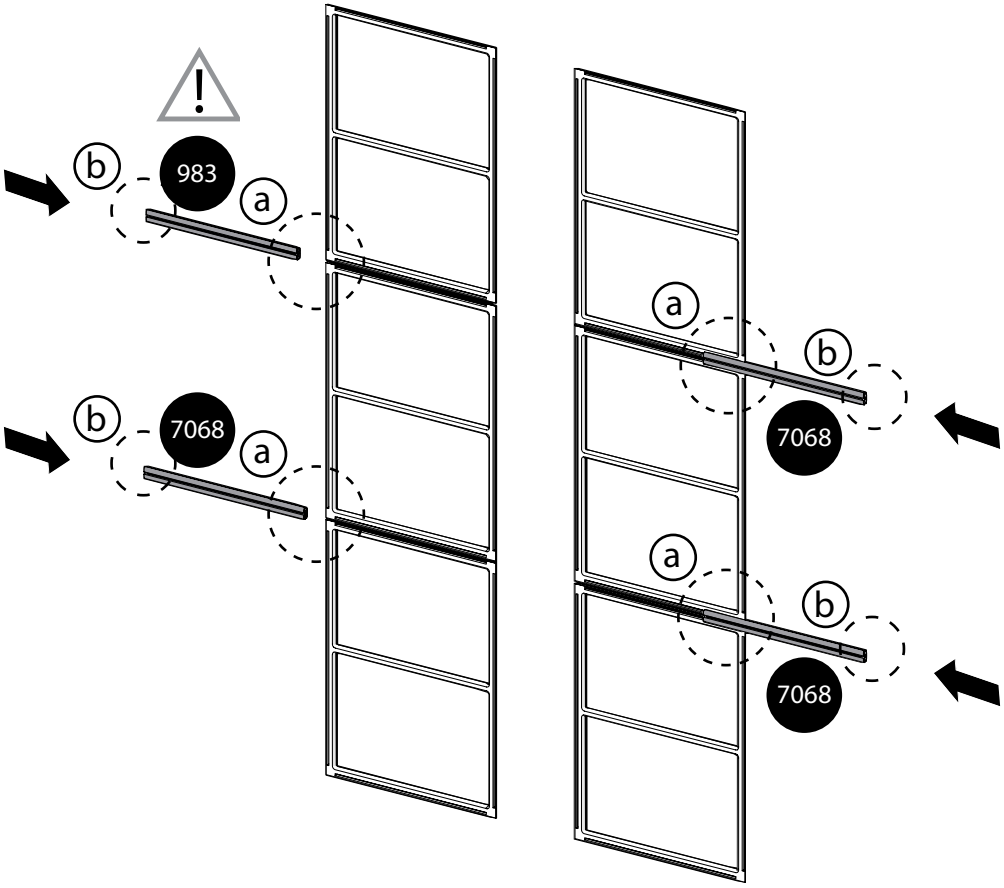
..... 1

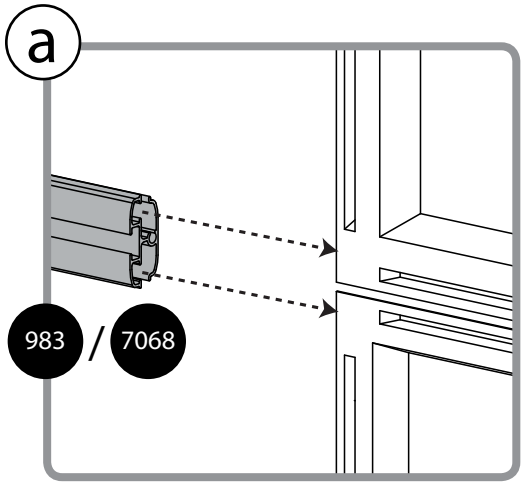


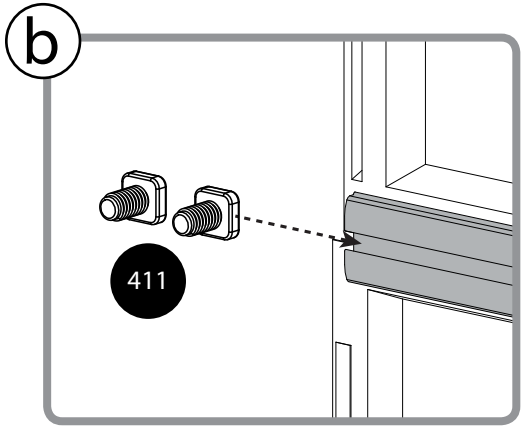
..... 3

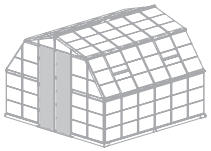
411 .....

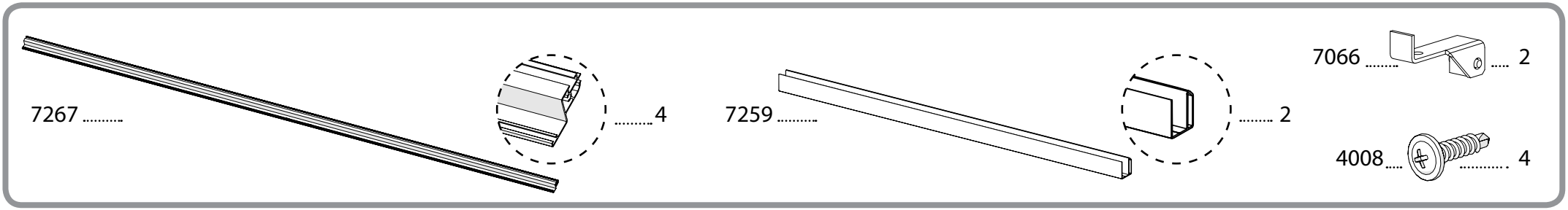
..... 8

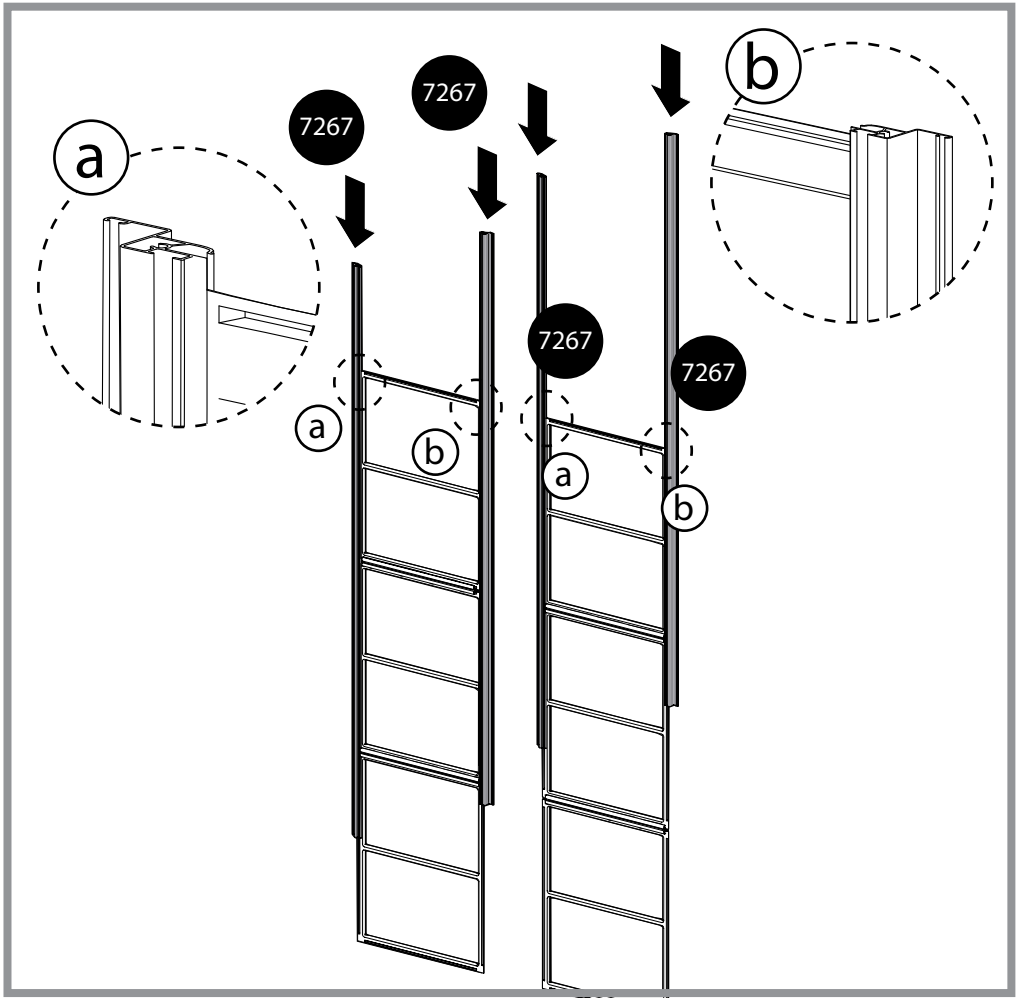


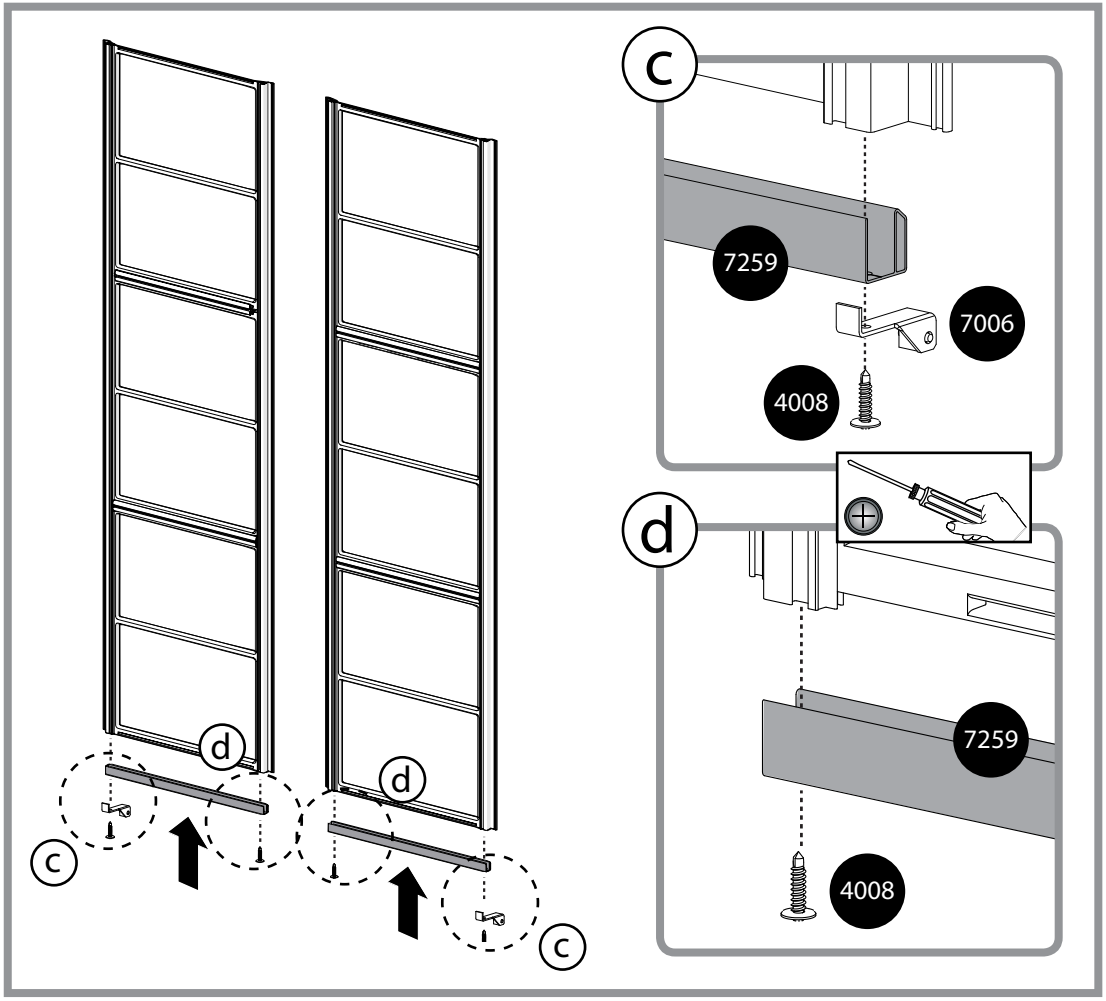


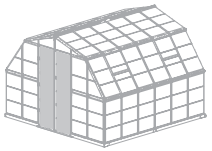





7267 4
7259 2
7066 2
4008 4


a
b
7267
7267
7267
7267
a
b
a
b


d
d
c
c
c
7259
7006
4008
d
7259
4008

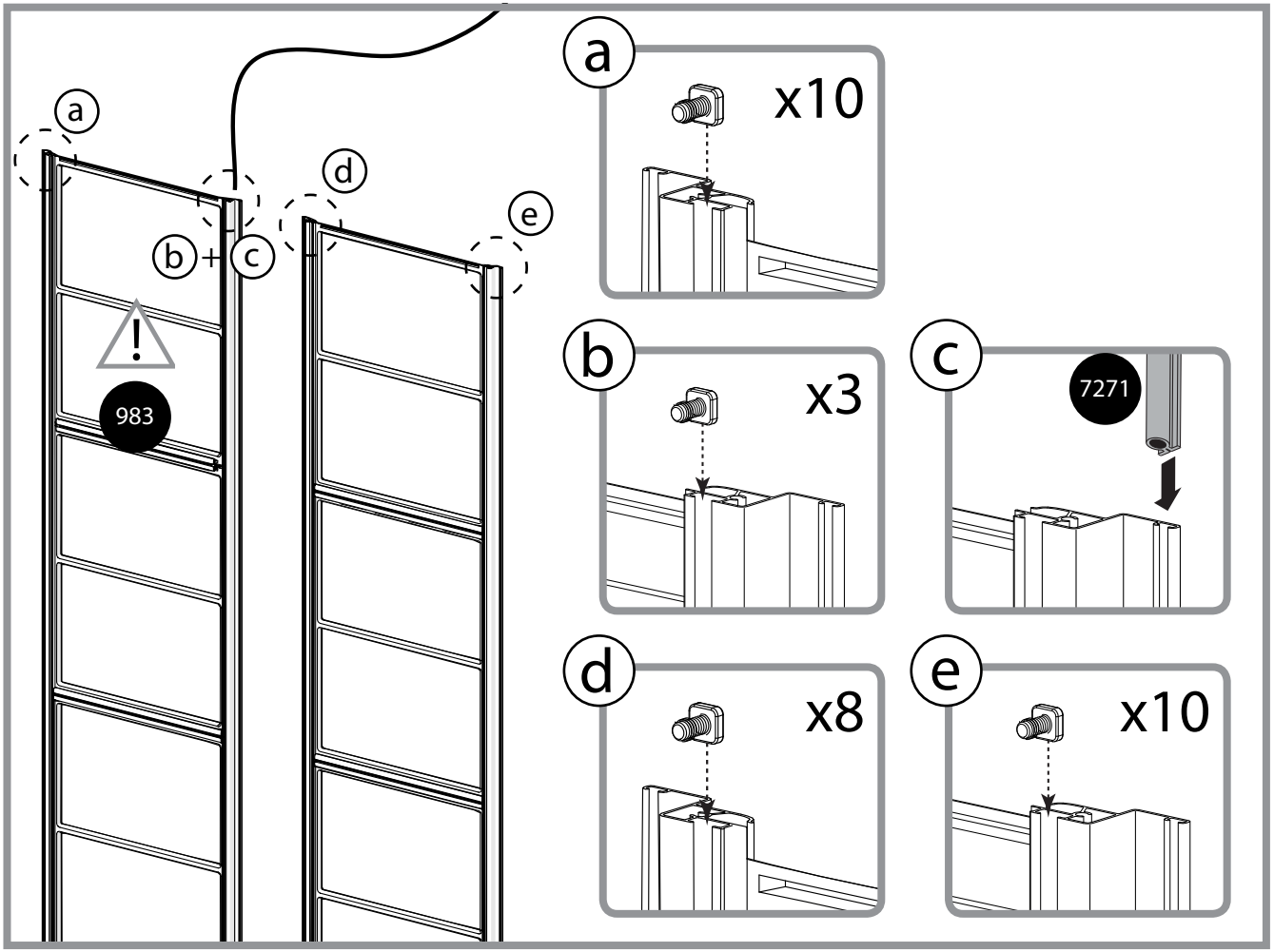


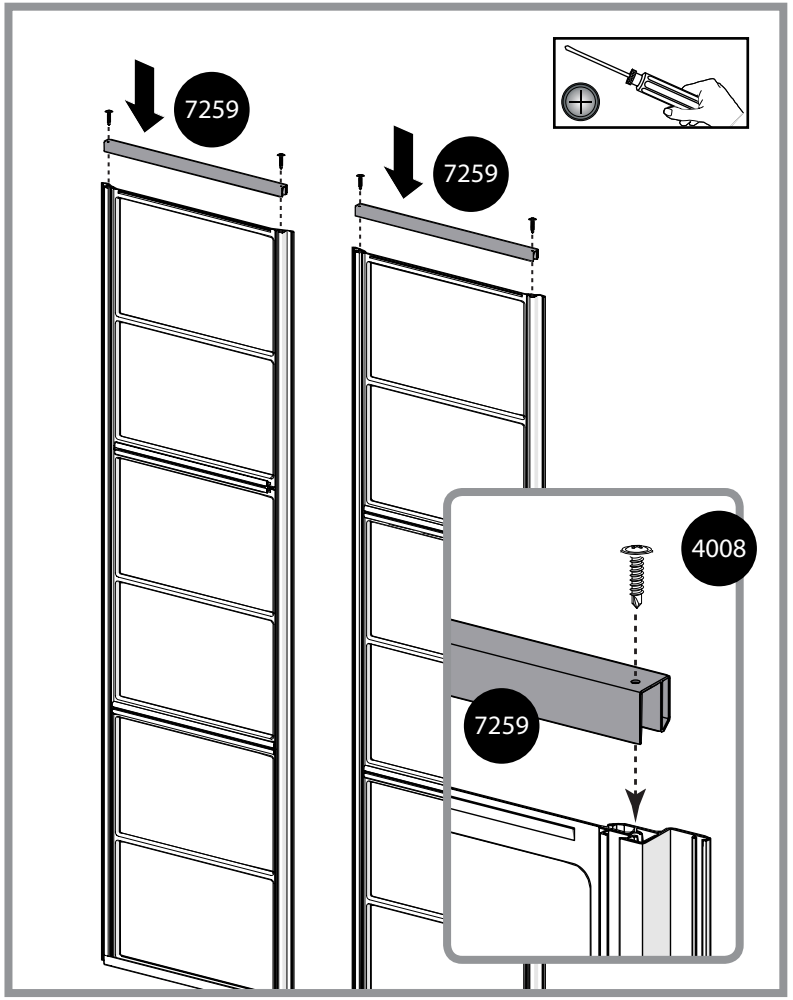
7271 1

7259 2

411 31

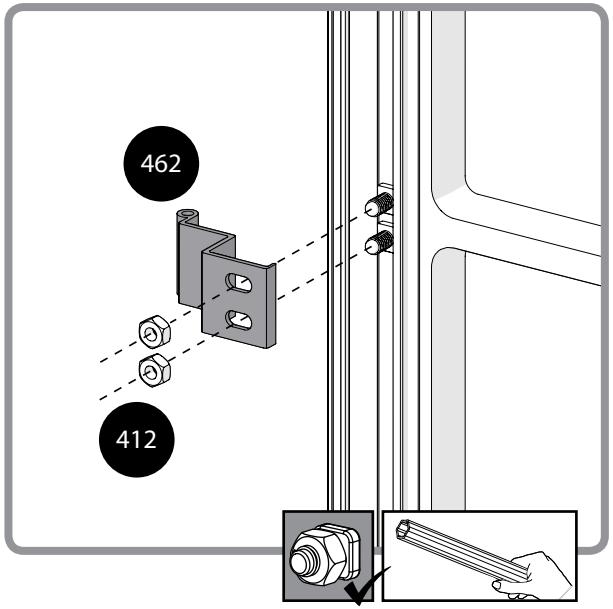
4008 4

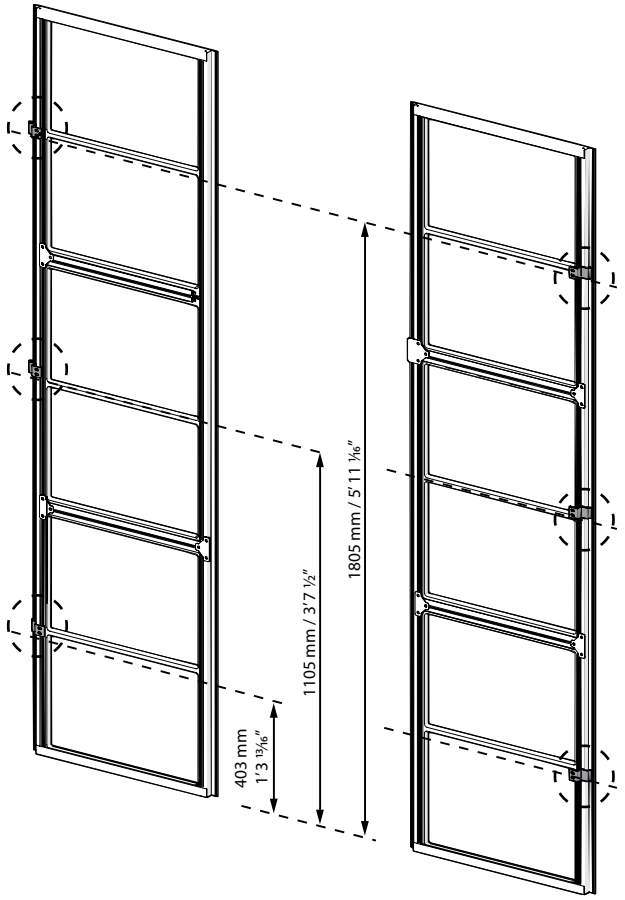


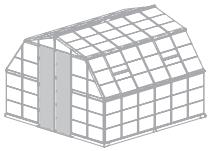


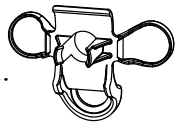
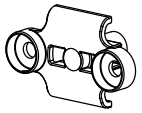
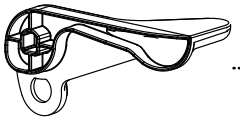
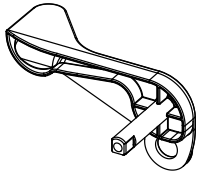
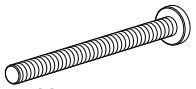
462 6

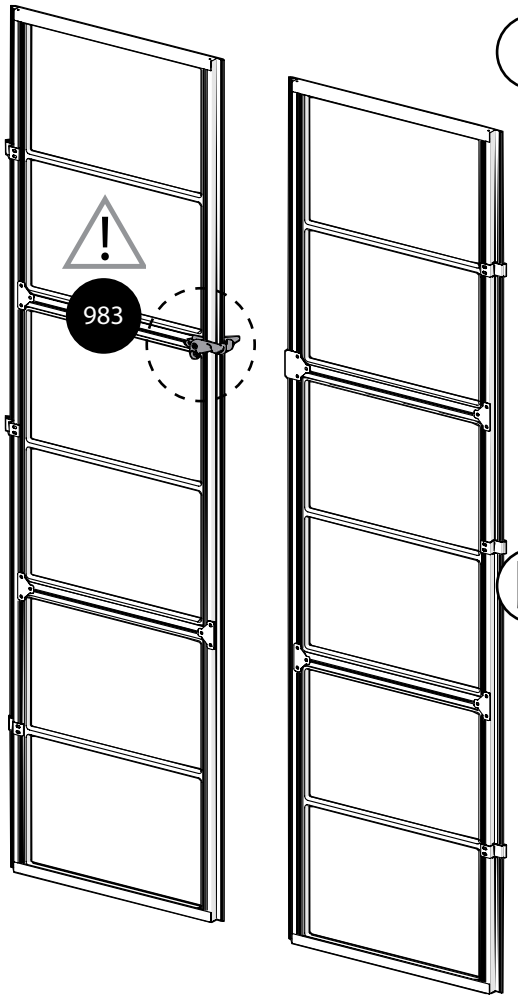
412 12



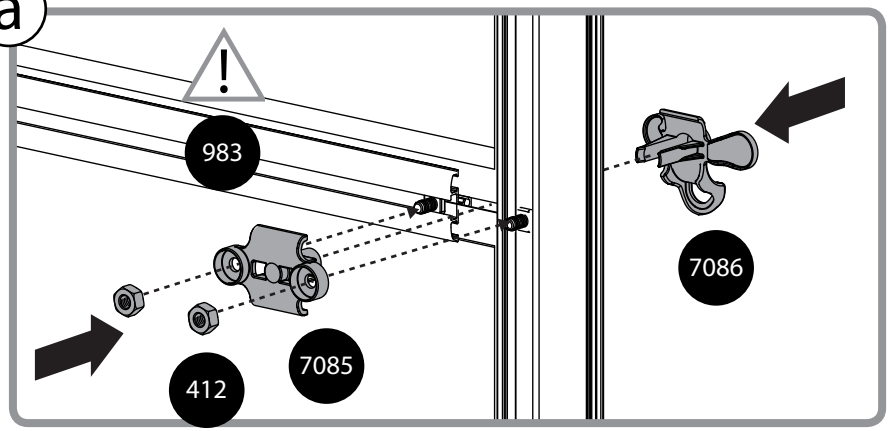




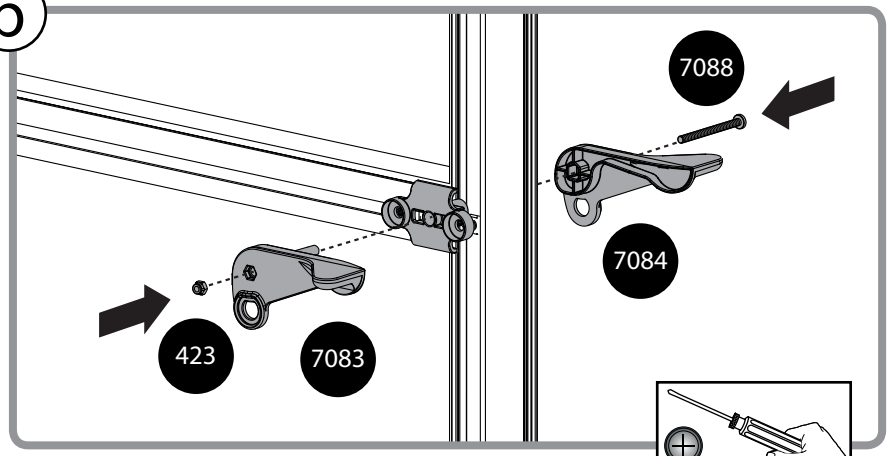
7086		1
7085		1
7084		1
7083		1
7088	 M4 x 50 mm	1
423		1
412		2

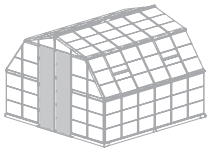


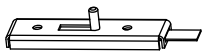
a

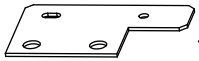


b





7082 .....  2

7067 .....  2

421 4

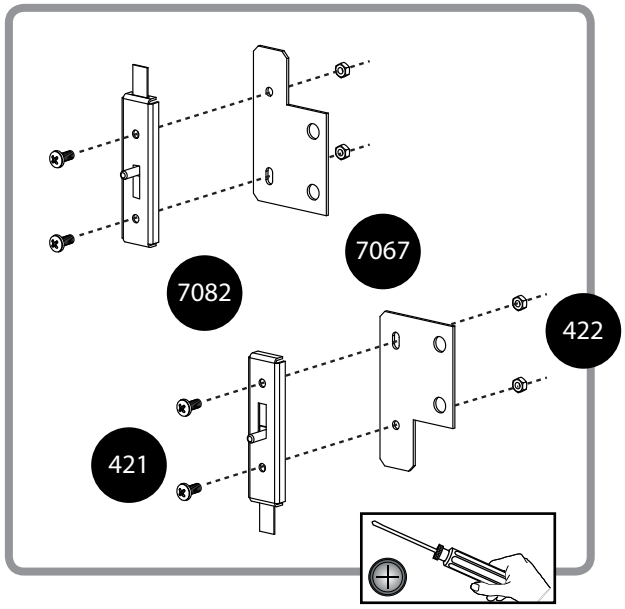
M4 x 16mm

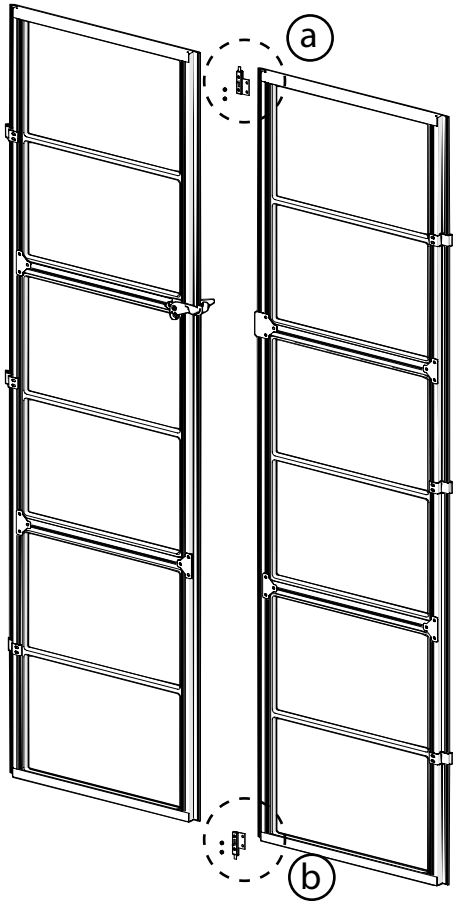
412 4

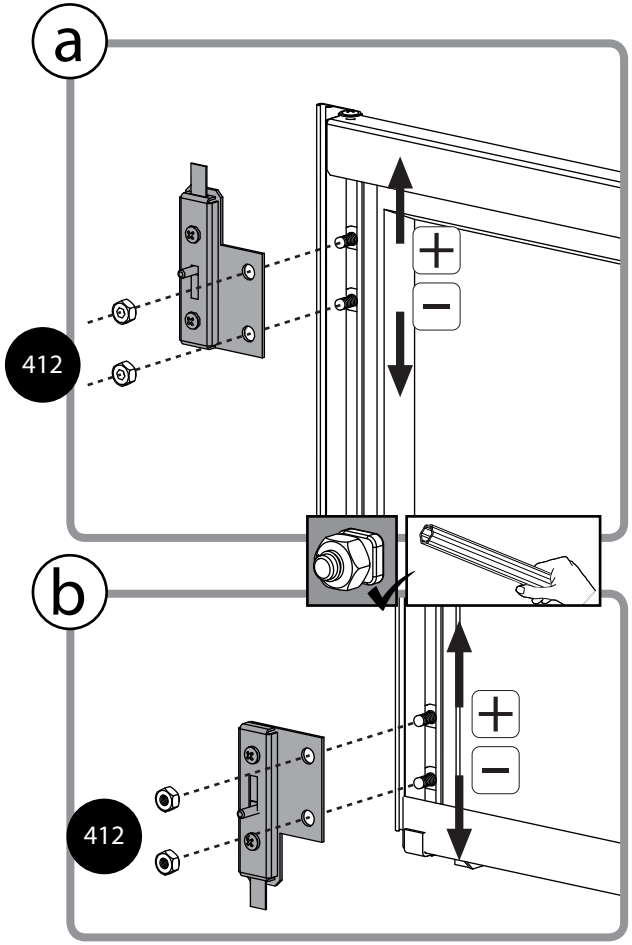
M6

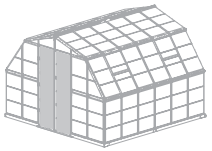
422 4

M4

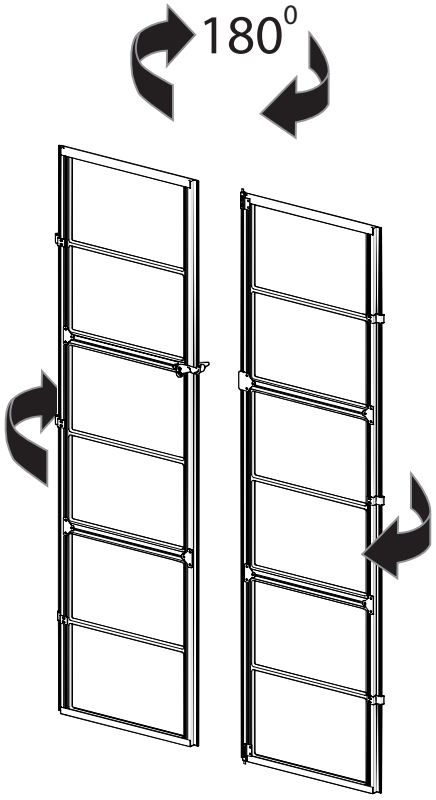


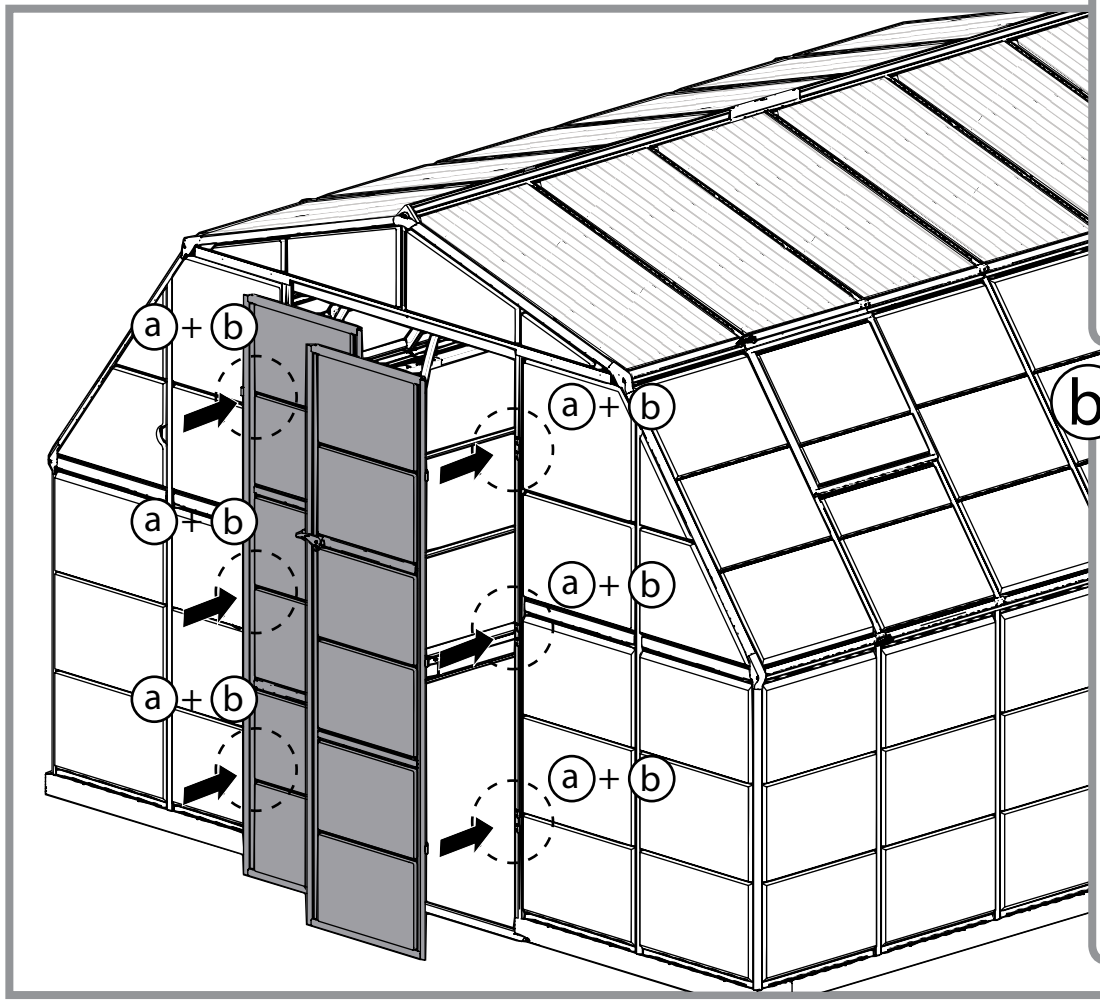




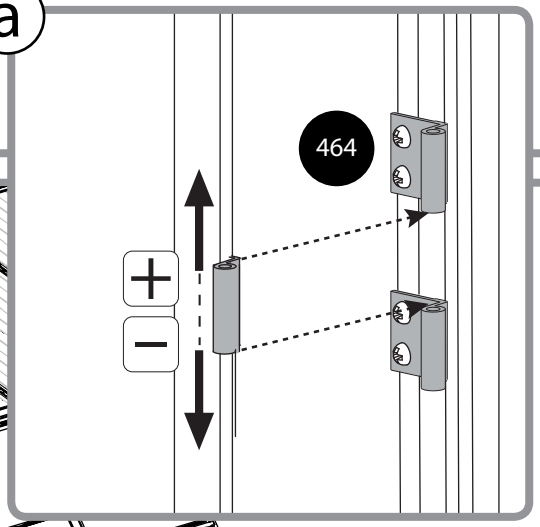


463 6

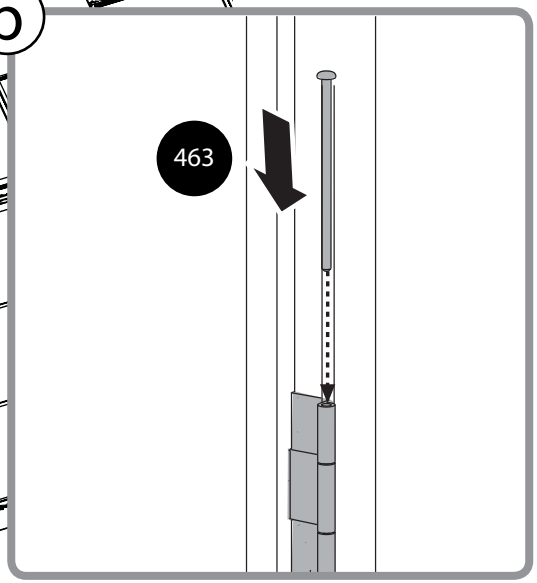


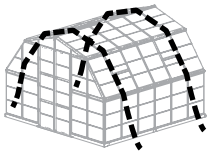


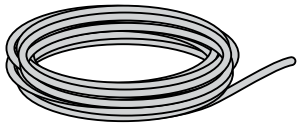
a

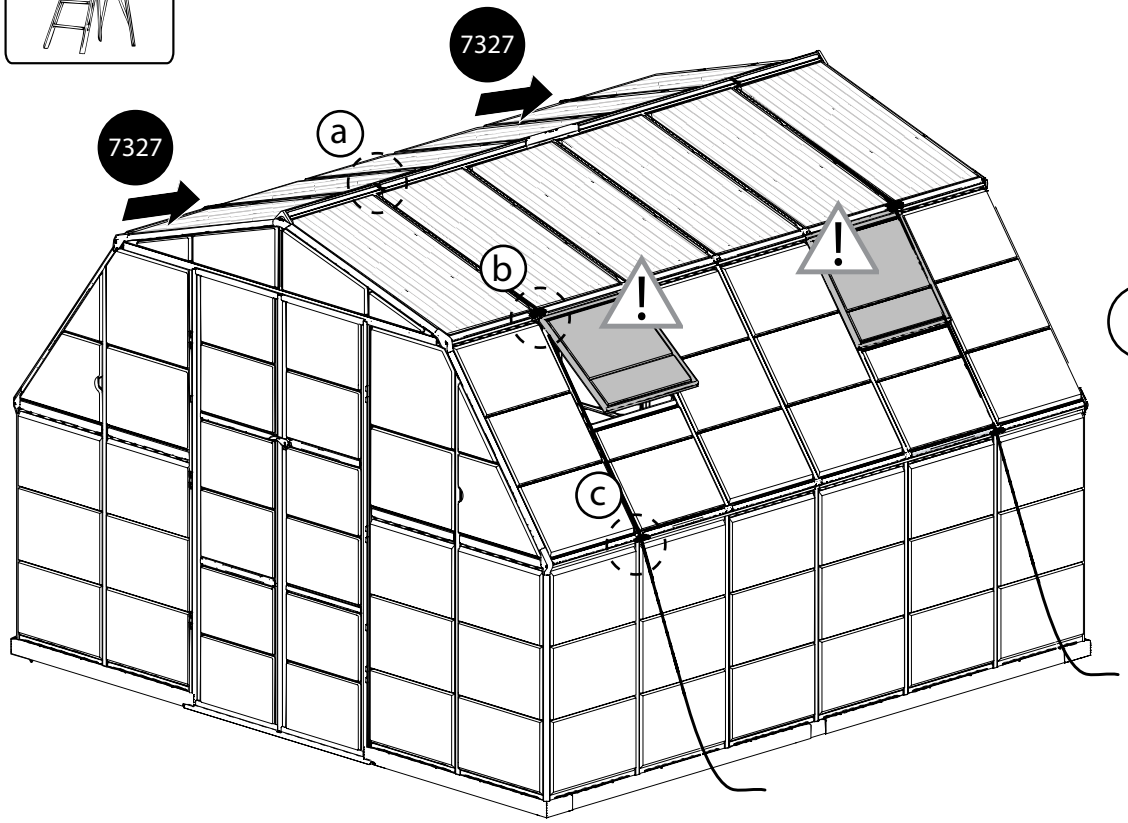


b

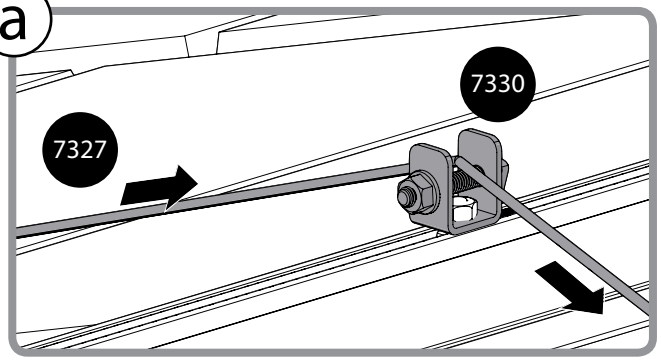




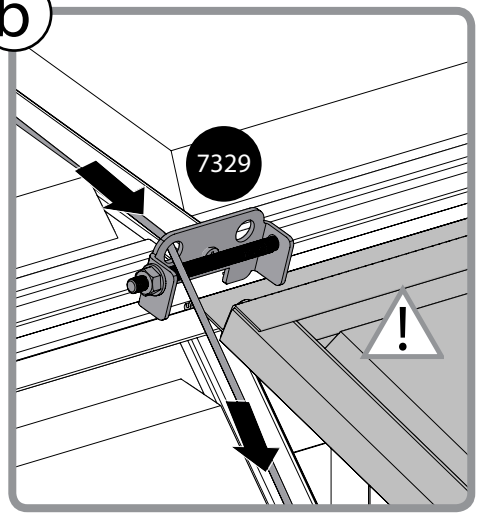
7327 .....  2



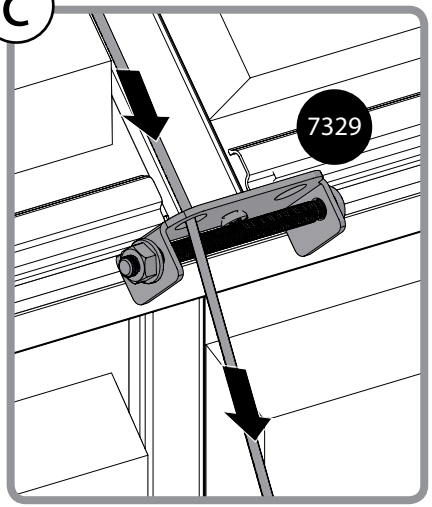
a

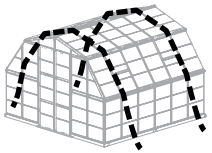


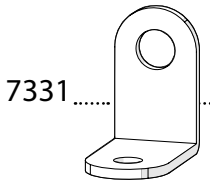
b

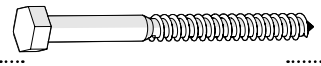


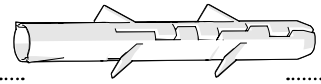
c





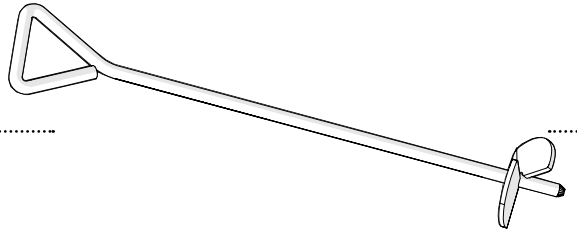

7331 4

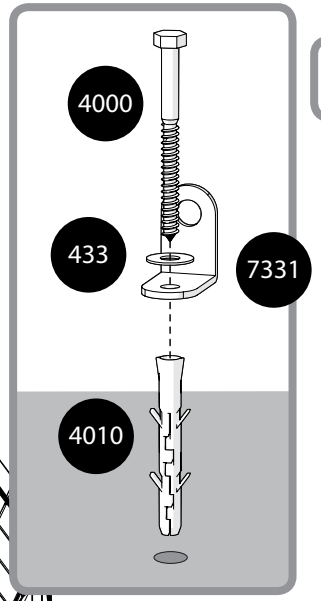

4000 4

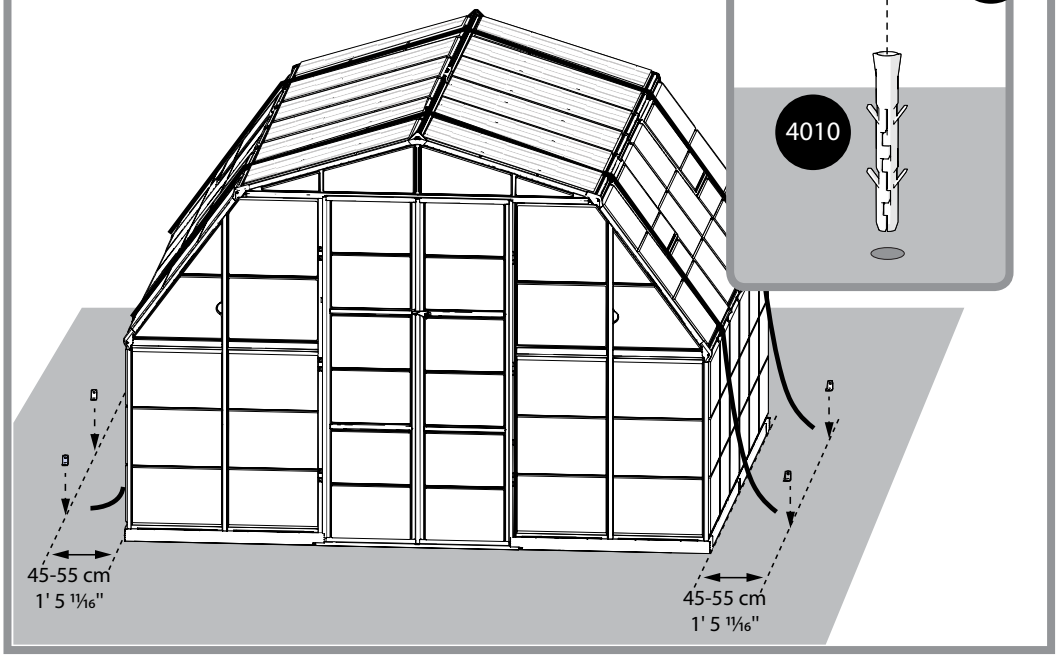

4010 4

433 4
M8

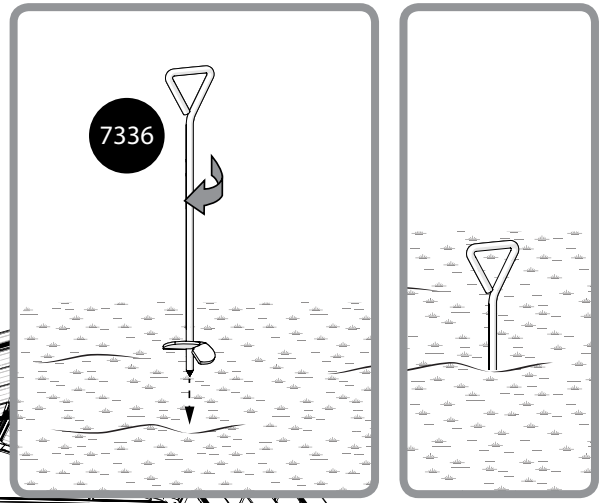
OR

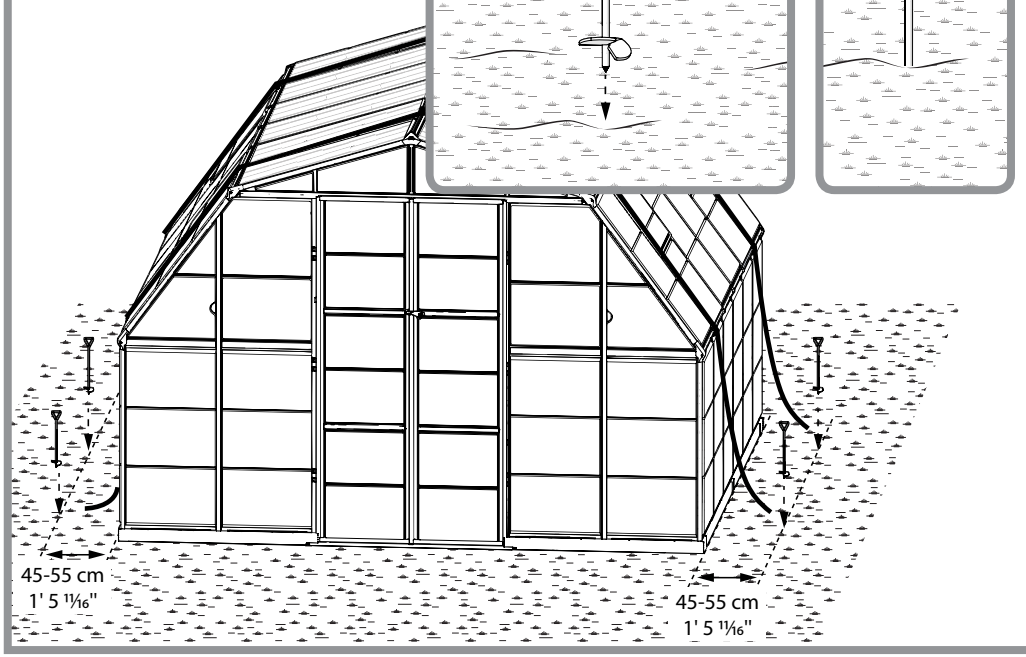

7336 2

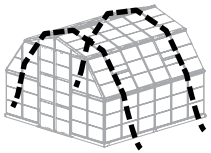


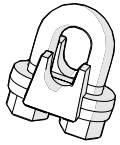


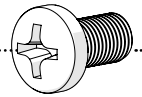
OR

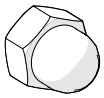




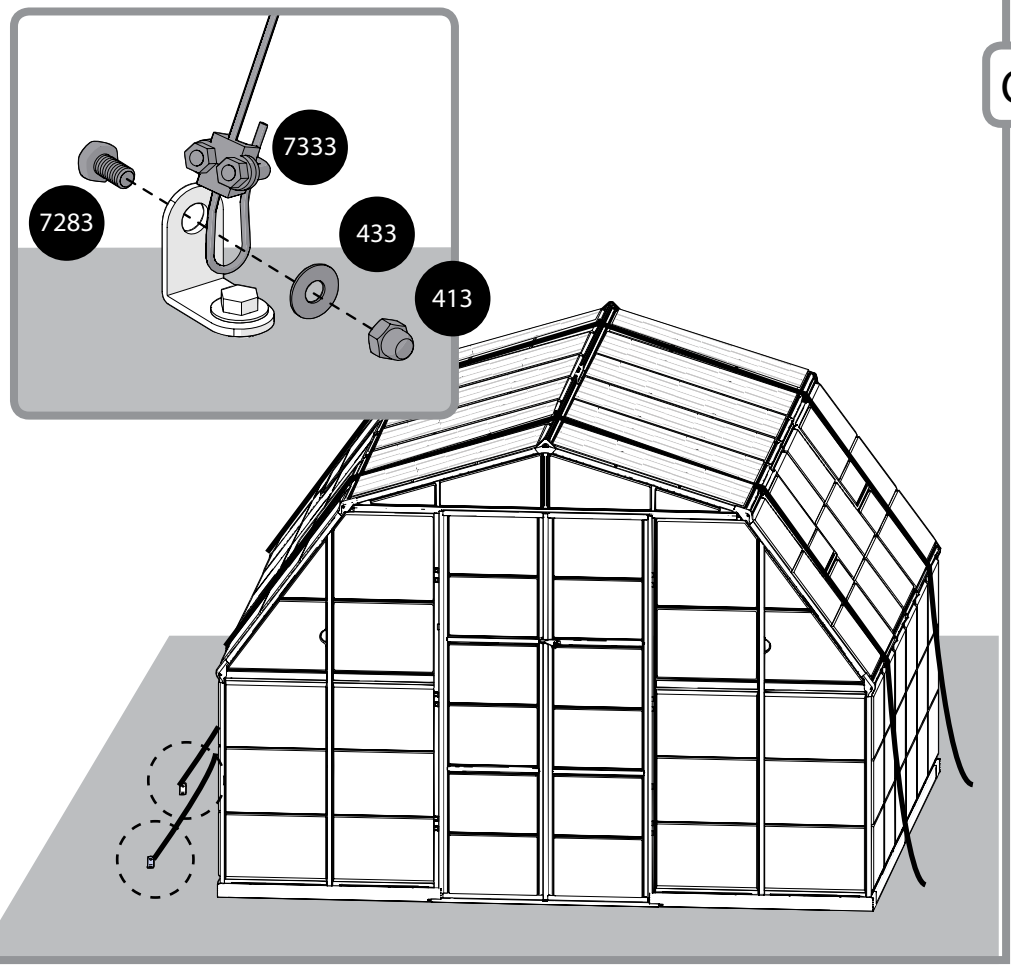


7333 .....  2

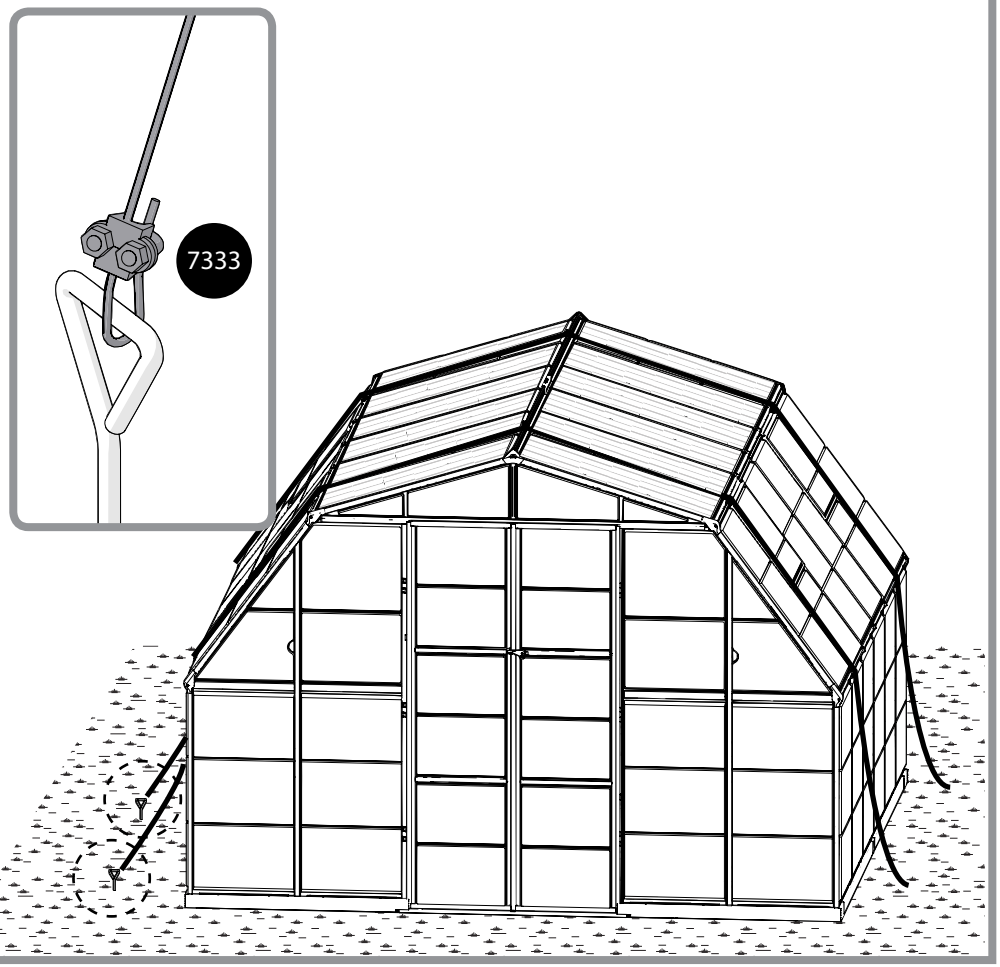
7283 .....  2
M8

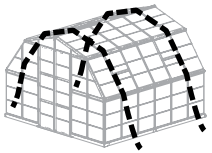
414 .....  2
M8

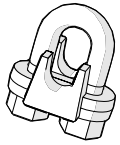
433 2
M8

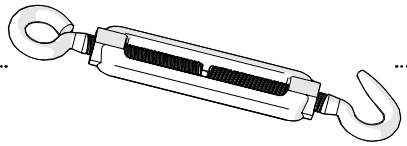


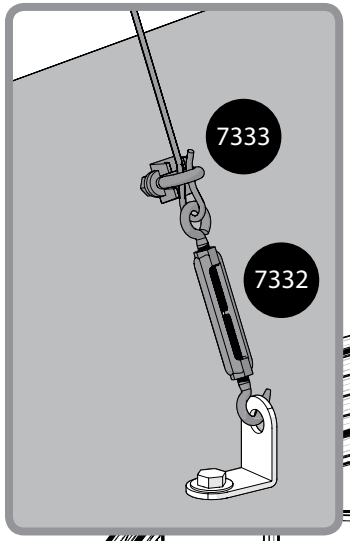
OR

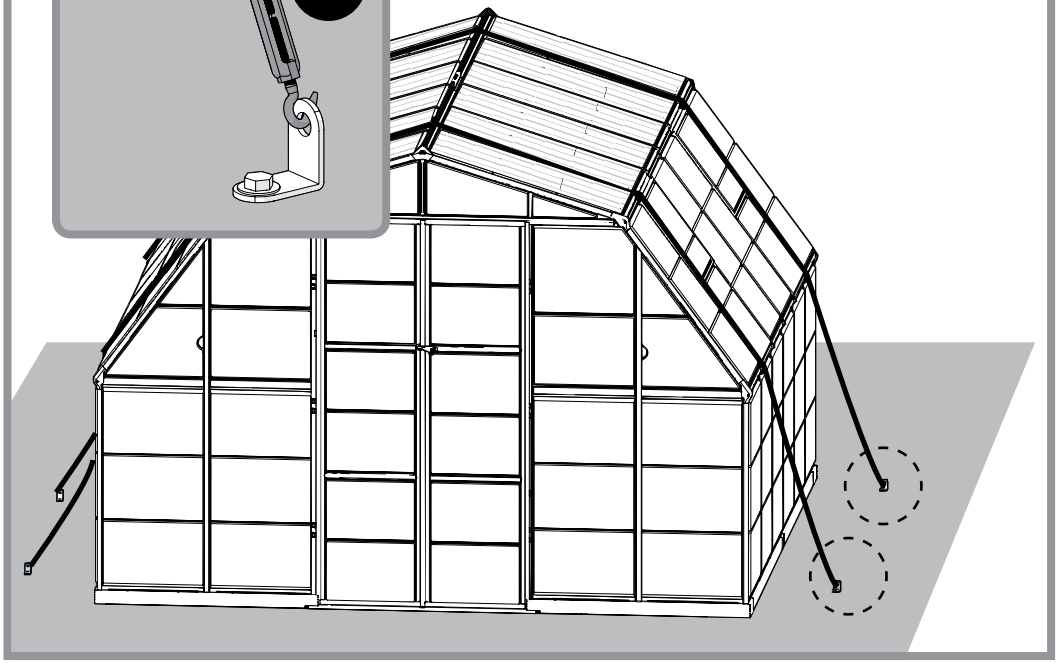
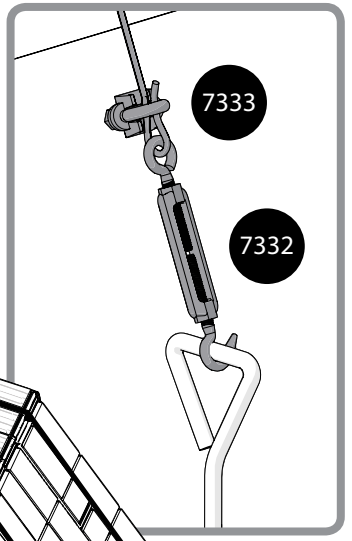
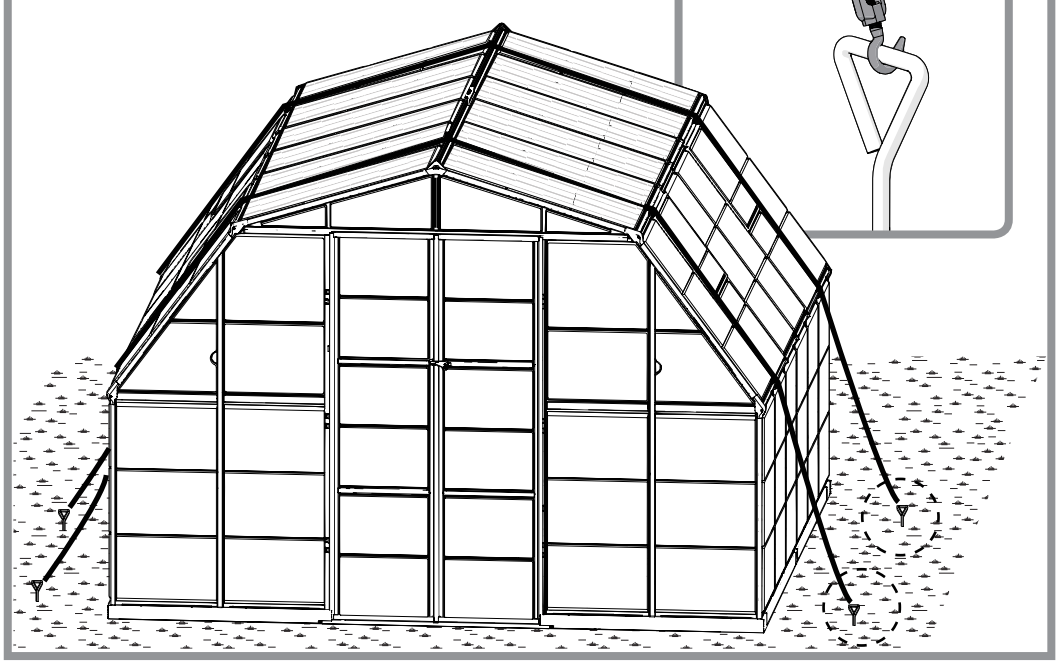




7333 .....  2

7332 .....  2





OR